

WU Medical Zone

BIO 301 Grand Quiz Fall 2020

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:58 AM, 05 January 2021

Question # 1 of 30 (Start time: 09:58:26 AM, 05 January 2021)

Total Marks: 1

Primary oocyte produces polar bodies.....

Select the correct option

- 1
- 2 Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- 3
- 4

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:58 AM, 05 January 2021

Question # 2 of 30 (Start time: 09:58:48 AM, 05 January 2021)

Total Marks: 1

Which two alleles are called co-dominant one another and are expressed when present?

Select the correct option

- Allele A and Allele B
- Allele A and Allele O
- Allele B and Allele O
- Allele A and Allele i
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 3 of 30 (Start time: 09:59:55 AM, 05 January 2021)

Total Marks: 1

During recessive epistasis, which color of pigeon is produced by recessive red gene with or without spread?

Select the correct option

<input type="radio"/>	Ash red	
<input type="radio"/>	Blue	
<input type="radio"/>	Brown	
<input checked="" type="radio"/>	Any color	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 4 of 30 (Start time: 10:01:01 AM, 05 January 2021)

Total Marks: 1

The DNA between nucleosome is called as linker DNA. Its length is _____

Select the correct option

<input type="radio"/>	20-80 bp	
<input type="radio"/>	10-20 bp	
<input type="radio"/>	20-40 bp	
<input checked="" type="radio"/>	20-60 bp	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:58 AM, 05 January 2021

Question # 5 of 30 (Start time: 10:01:23 AM, 05 January 2021)

Total Marks: 1

Mendel determined the segregation of alleles at single gene locus based on _____

Select the correct option

<input checked="" type="radio"/>	Monohybrid cross	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Dihybrid cross		/
<input type="radio"/>	Trihybrid cross		/
<input type="radio"/>	All of the mentioned		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, Edge, and Chrome. The active window is 'Quiz - Google Chr...'. The system tray shows the time as 10:01 AM on 1/5/2021.

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:58 AM, 05 January 2021

Question # 6 of 30 (Start time: 10:01:35 AM, 05 January 2021)

Total Marks: 1

Darker bands are generally found near the centromere or on the ends (telomeres) of the chromosome. The position of the dark-staining are _____ or _____

Select the correct option

<input checked="" type="radio"/>	Heterochromatic region, heterochromatin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Euchromatin region, euchromatin		/
<input type="radio"/>	Euchromatin region, heterochromatin		/
<input type="radio"/>	Heterochromatic region, euchromatin		/

Click to Save Answer & Move to Next Question

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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 7 of 30 (Start time: 10:01:47 AM, 05 January 2021)

Total Marks: 1

During metaphase mitosis chromosome

Select the correct option

- Undergo coiling
- Line up at the equator
- Chromosomes condense and become visible
- Break the nuclear envelope

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 8 of 30 (Start time: 10:02:03 AM, 05 January 2021)

Total Marks: 1

During stage telophase I, chromosomes are.....

Select the correct option

- Haploid
- Diploid
- Haploid and Diploid
- Polyploid

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 9 of 30 (Start time: 10:02:19 AM, 05 January 2021)

Total Marks: 1

The law of independent assortment with dihybrid cross gives genotypic ratio in F2 as:

Select the correct option

<input type="radio"/>	1:1	
<input type="radio"/>	3:1	
<input type="radio"/>	12:1	
<input checked="" type="radio"/>	9:3:3:1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 10 of 30 (Start time: 10:02:32 AM, 05 January 2021)

Total Marks: 1

Who is considered "The Father of Genetics"?

Select the correct option

<input type="radio"/>	Charles Darwin	
<input checked="" type="radio"/>	Gregor Johann Mendel	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	James Watson	
<input type="radio"/>	Francis Crick	

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BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:58 AM, 05 January 2021

Question # 11 of 30 (Start time: 10:02:43 AM, 05 January 2021)

Total Marks: 1

In _____, centromere splits into two parts while in _____ it does not split.

Select the correct option

- | | | | |
|----------------------------------|---------------------|--|---|
| <input checked="" type="radio"/> | Mitosis, Meiosis I | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Meiosis I, Mitosis | | / |
| <input type="radio"/> | Mitosis, Meiosis II | | / |
| <input type="radio"/> | Meiosis II, Mitosis | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:58 AM, 05 January 2021

Question # 12 of 30 (Start time: 10:03:34 AM, 05 January 2021)

Total Marks: 1

When one phenotypic trait is determined by multiple alleles then it is called as _____

Select the correct option

- | | | | |
|----------------------------------|-----------------------|--|---|
| <input type="radio"/> | Epistasis | | / |
| <input checked="" type="radio"/> | Pleiotropic | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Polygenic inheritance | | / |
| <input type="radio"/> | All of the given | | / |

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 13 of 30 (Start time: 10:05:29 AM, 05 January 2021)

Total Marks: 1

How many numbers of gene are present in Drosophila?

Select the correct option

<input type="radio"/>	5,800	
<input type="radio"/>	10,000	
<input checked="" type="radio"/>	13,700	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	45,000	

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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 14 of 30 (Start time: 10:05:54 AM, 05 January 2021)

Total Marks: 1

Which is a hereditary disorder characterized by lung congestion, infection and malabsorption of nutrients by the pancreas?

Select the correct option

<input type="radio"/>	Sickle cell anemia	
<input type="radio"/>	Cystic fibrosis	
<input checked="" type="radio"/>	Huntington disease	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Alzheimer's disease	

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Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 10:07 AM on 1/5/2021.

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Question # 15 of 30 (Start time: 10:07:48 AM, 05 January 2021)

Total Marks: 1

Which one following histone protein has high molecular weight, greater number of amino acid and high percentage of lysine and arginine?

Select the correct option

<input checked="" type="radio"/>	H1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	H2A		/
<input type="radio"/>	H3		/
<input type="radio"/>	H4		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 16 of 30 (Start time: 10:08:50 AM, 05 January 2021)

Total Marks: 1

_____ is an example of inherited variation.

Select the correct option

<input type="radio"/>	Language		/
<input type="radio"/>	Obesity		/
<input type="radio"/>	Athletic skills		/
<input checked="" type="radio"/>	Finger prints	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 17 of 30 (Start time: 10:09:21 AM, 05 January 2021)

Total Marks: 1

When chromosomes stained they show a dark-stained region that is the _____

Select the correct option

<input type="radio"/>	Telomeres	
<input checked="" type="radio"/>	Centromere	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Chromatids	
<input type="radio"/>	DNA	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 18 of 30 (Start time: 10:09:55 AM, 05 January 2021)

Total Marks: 1

Histones have two basic amino acids.....

Select the correct option

<input type="radio"/>	Valine-lysine	
<input checked="" type="radio"/>	Arginine-lysine	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Arginine-methionine	
<input type="radio"/>	Tyrosine-valine	

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 19 of 30 (Start time: 10:10:13 AM, 05 January 2021)

Total Marks: 1

The diameter of DNA nucleosome on the chromosome scaffold is

Make Sure

Select the correct option

<input type="radio"/>	2 nm		
<input checked="" type="radio"/>	11 nm	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	30 nm		
<input type="radio"/>	300 nm		

[Click to Save Answer & Move to Next Question](#)



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Quiz Start Time: 09:58 AM, 05 January 2021

Question # 22 of 30 (Start time: 10:12:03 AM, 05 January 2021)

Total Marks: 1

E.coli has about _____genes are organized into its one circular chromosome

Select the correct option

<input type="radio"/>	1000 to 2000		
<input type="radio"/>	2000 to 3000		
<input checked="" type="radio"/>	3000 to 4000	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	4000 to 5000		

[Click to Save Answer & Move to Next Question](#)



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sec(s)
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Question # 23 of 30 (Start time: 10:12:36 AM, 05 January 2021)

Total Marks: 1

Which of the following blood group is considered a universal donor?

Select the correct option

<input type="radio"/>	A	
<input type="radio"/>	B	
<input type="radio"/>	AB	
<input checked="" type="radio"/>	O	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 24 of 30 (Start time: 10:12:49 AM, 05 January 2021)

Total Marks: 1

Which type of genetics deals with movement of genes and genetic traits from parents to offspring?

Select the correct option

<input type="radio"/>	Population genetics	
<input type="radio"/>	Quantitative genetics	
<input type="radio"/>	Molecular genetics	
<input checked="" type="radio"/>	Transmission genetics	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 25 of 30 (Start time: 10:13:24 AM, 05 January 2021)

Total Marks: 1

Which statement is correct about genetic and physical mapping?

Select the correct option

- The some genes are far apart on the genetic map, but close together on the physical map of the chromosome
- The some genes are far apart on the genetic map and also are far apart on the physical map of the chromosome
- The some genes are close together on the genetic map and also are close together on the physical map of the chromosome
- All of the mentioned are correct

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:58 AM, 05 January 2021

Question # 30 of 30 (Start time: 10:14:57 AM, 05 January 2021)

Total Marks: 1

Polygenic traits are also affected by the person's environment, so they are called

Select the correct option

- Multifactorial
- Environmental influence
- Major factor
- Environmental effects

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 5 of 30 (Start time: 12:07:25 PM, 05 January 2021)

Total Marks: 1

Which is a histone deacetylase inhibitor?

Select the correct option

<input checked="" type="radio"/>	Vorinostat	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Lapatnib		/
<input type="radio"/>	Sunitinib		/
<input type="radio"/>	Everolimus		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 10 of 30 (Start time: 12:08:23 PM, 05 January 2021)

Total Marks: 1

Generally, karyotypes represent by arranging in the _____ order of size keeping their centromere in a _____.

Select the correct option

<input type="radio"/>	Ascending, vertical line		/
<input checked="" type="radio"/>	Descending, straight line	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Ascending, straight line		/
<input type="radio"/>	Descending, vertical line		/

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 11 of 30 (Start time: 12:09:05 PM, 05 January 2021)

Total Marks: 1

The spindle apparatus is formed during the _____ phase of mitosis.

Select the correct option

<input checked="" type="radio"/>	Prophase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Anaphase		/
<input type="radio"/>	Metaphase		/
<input type="radio"/>	Telophase		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 13 of 30 (Start time: 12:10:07 PM, 05 January 2021)

Total Marks: 1

During _____, the effects of prophase and pro-metaphase are reversed.

Select the correct option

<input type="radio"/>	Interphase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Anaphase		/
<input type="radio"/>	Metaphase		/
<input checked="" type="radio"/>	Telophase		/

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 14 of 30 (Start time: 12:10:31 PM, 05 January 2021)

Total Marks: 1

Meiosis results in _____

Select the correct option

- 2 haploid daughter cells
 - 4 diploid daughter cells
 - 2 diploid daughter cells
 - 4 haploid daughter cells
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 15 of 30 (Start time: 12:10:48 PM, 05 January 2021)

Total Marks: 1

The allelic series refers to

Select the correct option

- Multiple alleles
 - Dominant alleles
 - Recessive alleles
 - Lethal alleles
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

sec(s)
Quiz Start Time: 12:05 PM, 05 January 2021

Question # 16 of 30 (Start time: 12:11:53 PM, 05 January 2021)

Total Marks: 1

Which one of the following statement is correct about human genes?

Select the correct option

- 30% are mono-allelic and they exist in two forms
- 30% are di-allelic and they exist only in one form
- 70% are di-allelic and they exist in two forms
- 70% are mono-allelic and they exist only in one form

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 12:05 PM, 05 January 2021

Question # 17 of 30 (Start time: 12:12:36 PM, 05 January 2021)

Total Marks: 1

The crossing-over occurs at

Select the correct option

- Desmosomes
- Kinetochores
- Chiasmata
- Centromeres

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 20 of 30 (Start time: 12:14:04 PM, 05 January 2021)

Total Marks: 1

The longest stage in the cell cycle is

Select the correct option

- | | | | |
|----------------------------------|------------|--|---|
| <input checked="" type="radio"/> | Interphase | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Anaphase | | / |
| <input type="radio"/> | Metaphase | | / |
| <input type="radio"/> | Telophase | | / |

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BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 21 of 30 (Start time: 12:14:16 PM, 05 January 2021)

Total Marks: 1

Which one of following statement is not correct about continuous variation?

Select the correct option

- | | | | |
|----------------------------------|---|--|---|
| <input checked="" type="radio"/> | Continuous variation controlled by a lot of genes | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Continuous variation strongly influenced by the environment | | / |
| <input type="radio"/> | Continuous variation has distinct categories | | / |
| <input type="radio"/> | Continuous variation graph to fit a smooth curve | | / |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and a folder. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 12:15 PM on 1/5/2021.

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BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 23 of 30 (Start time: 12:15:41 PM, 05 January 2021)

Total Marks: 1

_____ have the same length, shape, centromere location, and genes

Select the correct option

- | | | | |
|----------------------------------|--------------------|--|---|
| <input checked="" type="radio"/> | Paired chromosomes | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Autosomes | | / |
| <input type="radio"/> | Sex chromosomes | | / |
| <input type="radio"/> | XY-chromosome | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 12:05 PM, 05 January 2021

Question # 24 of 30 (Start time: 12:16:21 PM, 05 January 2021)

Total Marks: 1

Mutational changes are _____ and epigenetic changes can be _____

Select the correct option

- | | | | |
|----------------------------------|----------------------------|--|---|
| <input type="radio"/> | Reversible, Reversible | | / |
| <input type="radio"/> | Irreversible, Irreversible | | / |
| <input type="radio"/> | Reversible, Irreversible | | / |
| <input checked="" type="radio"/> | Irreversible, Reversible | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

sec(s)
Quiz Start Time: 12:05 PM, 05 January 2021

Question # 28 of 30 (Start time: 12:18:16 PM, 05 January 2021)

Total Marks: 1

In _____, sister chromatids separate and move along the kinetochore microtubules toward opposite ends of the cell.

Select the correct option

<input checked="" type="radio"/>	Anaphase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Metaphase		/
<input type="radio"/>	Telophase		/
<input type="radio"/>	Prophase		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 12:05 PM, 05 January 2021

Question # 29 of 30 (Start time: 12:18:50 PM, 05 January 2021)

Total Marks: 1

Position dependent method of diseased gene identification follows

Select the correct option

<input type="radio"/>	Forward genetics	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input checked="" type="radio"/>	Reverse genetics		/
<input type="radio"/>	Simple genetics		/
<input type="radio"/>	Relative genetics		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 1 of 30 (Start time: 08:42:00 AM, 05 January 2021)

Total Marks: 1

Which statement is not correct about epigenetic regulation in identical twins?

Select the correct option

- The difference in the twins epigenomes is what makes them become different when they are older
- Over time the twins environments will diverge, resulting in individual epigenetic tags to form for each twin
- While infants they experience the same or very similar environments, so there is little variation in the epigenome
- The epigenetic tags can have such an effect on the twins that one can develop a disease and the other is also

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 2 of 30 (Start time: 08:43:54 AM, 05 January 2021)

Total Marks: 1

Which one of the following genotype expresses the Green color of pepper?

Select the correct option

- RRYY
- Rr/yy
- rr/Yy
- rr/yy

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 3 of 30 (Start time: 08:45:22 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is correct?

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to all sons but to no daughters | |
| <input checked="" type="radio"/> | Father with X-linked disorder will transmit the mutant allele to all daughters but to no sons | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to half daughters and half to sons | |
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to half daughters and all to sons | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 4 of 30 (Start time: 08:46:20 AM, 05 January 2021)

Total Marks: 1

Band that indicates constitutive heterochromatin.....

Select the correct option

- | | | |
|----------------------------------|--------|--|
| <input checked="" type="radio"/> | C band | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | G band | |
| <input type="radio"/> | Q band | |
| <input type="radio"/> | R band | |

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 5 of 30 (Start time: 08:47:05 AM, 05 January 2021)

Total Marks: 1

What is the process of transfer of human blood known as?

Select the correct option

- | | | |
|----------------------------------|--------------|--|
| <input type="radio"/> | Transferring | |
| <input checked="" type="radio"/> | Transfusion | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Processing | |
| <input type="radio"/> | Transporting | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 6 of 30 (Start time: 08:47:31 AM, 05 January 2021)

Total Marks: 1

All offspring of same variety is called as

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | Cross breed | |
| <input type="radio"/> | Hybrid | |
| <input type="radio"/> | Line breed | |
| <input checked="" type="radio"/> | True breed | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



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BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 7 of 30 (Start time: 08:47:57 AM, 05 January 2021)

Total Marks: 1

In DNA double helix, the two DNA chains are held together by

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Covalent bonds between the pair of bases | |
| <input checked="" type="radio"/> | Hydrogen bonds between the pair of bases | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Ionic bonds between the pair of bases | |
| <input type="radio"/> | None of the given | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 8 of 30 (Start time: 08:48:12 AM, 05 January 2021)

Total Marks: 1

If 14% of the nucleotides from a DNA molecule contain the base T, what percent will contain the base G?

Select the correct option

- | | | |
|----------------------------------|-----|--|
| <input checked="" type="radio"/> | 14% | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 18% | |
| <input type="radio"/> | 28% | |
| <input type="radio"/> | 36% | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 9 of 30 (Start time: 08:48:30 AM, 05 January 2021)

Total Marks: 1

_____ are proteins used to package DNA

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | Telomerases | |
| <input type="radio"/> | Chromatins | |
| <input type="radio"/> | Nucleosomes | |
| <input checked="" type="radio"/> | Histones | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 10 of 30 (Start time: 08:49:41 AM, 05 January 2021)

Total Marks: 1

Darker bands are generally found near the centromere or on the ends (telomeres) of the chromosome. The position of the dark-staining are _____ or _____

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input checked="" type="radio"/> | Heterochromatic region, heterochromatin | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Euchromatin region, euchromatin | |
| <input type="radio"/> | Euchromatin region, heterochromatin | |
| <input type="radio"/> | Heterochromatic region, euchromatin | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 11 of 30 (Start time: 08:50:20 AM, 05 January 2021)

Total Marks: 1

According to _____ genetic material of the parents mixes during fertilization.

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Particulate hypothesis | |
| <input checked="" type="radio"/> | Blending hypothesis | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Either blending hypothesis or Particulate hypothesis | |
| <input type="radio"/> | Neither blending hypothesis nor Particulate hypothesis | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 12 of 30 (Start time: 08:50:49 AM, 05 January 2021)

Total Marks: 1

Epistasis is the interaction between _____ genes

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input checked="" type="radio"/> | 2 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 4 | |
| <input type="radio"/> | 6 | |
| <input type="radio"/> | 8 | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 13 of 30 (Start time: 08:51:47 AM, 05 January 2021)

Total Marks: 1

On what basis four major blood groups is classified as positive and negative blood type?

Select the correct option

<input type="radio"/>	Antigen	
<input type="radio"/>	Antibody	
<input checked="" type="radio"/>	Rh factor	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	RBCs	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 14 of 30 (Start time: 08:52:00 AM, 05 January 2021)

Total Marks: 1

Which one of following statements is correct about the Mendel Law of Dominance?

Select the correct option

<input checked="" type="radio"/>	In a cross of parents that are pure for contrasting traits only one form of the trait will appear in the next generation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	In a cross of parents that are pure for contrasting traits blended form of the trait will appear in the next generation	
<input type="radio"/>	In a cross of parents that are pure for contrasting traits two form of the traits will appear in the next generation	
<input type="radio"/>	In a cross of parents that are pure for contrasting traits no form of the traits will appear in the next generation	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 15 of 30 (Start time: 08:52:56 AM, 05 January 2021)

Total Marks: 1

Chromatin fibers undergo folding, coiling and supercoiling during _____ so that the chromosomes become progressively thicker and smaller.

Select the correct option

- | | | |
|----------------------------------|-----------|--|
| <input type="radio"/> | Telophase | |
| <input type="radio"/> | Metaphase | |
| <input type="radio"/> | Anaphase | |
| <input checked="" type="radio"/> | Prophase | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 16 of 30 (Start time: 08:53:08 AM, 05 January 2021)

Total Marks: 1

Genetics is the study of

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input type="radio"/> | Genes | |
| <input type="radio"/> | Chromosomes | |
| <input type="radio"/> | Heredity | |
| <input checked="" type="radio"/> | All of the mentioned | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 17 of 30 (Start time: 08:53:35 AM, 05 January 2021)

Total Marks: 1

Which one is building blocks of chromosomes?

Select the correct option

<input checked="" type="radio"/>	Nucleosome	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Chromatin		/
<input type="radio"/>	Chromatid		/
<input type="radio"/>	DNA		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 18 of 30 (Start time: 08:53:47 AM, 05 January 2021)

Total Marks: 1

Genetists or researchers can study the genotype based on the phenotype in classical/forward genetics through _____

Select the correct option

<input checked="" type="radio"/>	DNA sequencing	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	RNA interference (RNAi)		/
<input type="radio"/>	Gene knockout		/
<input type="radio"/>	Site-directed mutagenesis		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 19 of 30 (Start time: 08:55:04 AM, 05 January 2021)

Total Marks: 1

During the summer, the arctic fox produces enzymes that cause its fur to become reddish brown. During the winter, these enzymes do not function. As a result, the fox has a white coat that blends into the snowy background. This change in fur color shows that:

Select the correct option

- | | | | |
|----------------------------------|--|--|---|
| <input checked="" type="radio"/> | The expression of certain genes is affected by temperature | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Random alteration of DNA can occur on certain chromosomes | | / |
| <input type="radio"/> | The genes of a fox are made of unstable DNA | | / |
| <input type="radio"/> | Mutations can be caused by temperature extremes | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 20 of 30 (Start time: 08:55:29 AM, 05 January 2021)

Total Marks: 1

According to particulate hypothesis, parents pass on distinct heritable units. Those distinct heritable units are now called as _____

Select the correct option

- | | | | |
|----------------------------------|-------------|--|---|
| <input type="radio"/> | Protein | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input checked="" type="radio"/> | Genes | | / |
| <input type="radio"/> | DNA | | / |
| <input type="radio"/> | Chromosomes | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 21 of 30 (Start time: 08:56:11 AM, 05 January 2021)

Total Marks: 1

About 90% of the time taken for meiosis is required for

Select the correct option

<input checked="" type="radio"/>	Prophase I	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Prophase II		/
<input type="radio"/>	Anaphase I		/
<input type="radio"/>	Anaphase II		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 22 of 30 (Start time: 08:56:38 AM, 05 January 2021)

Total Marks: 1

During stage telophase I, chromosomes are.....

Select the correct option

<input checked="" type="radio"/>	Haploid	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Diploid		/
<input type="radio"/>	Haploid and Diploid		/
<input type="radio"/>	Polyploid		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 23 of 30 (Start time: 08:57:15 AM, 05 January 2021)

Total Marks: 1

Mendel determined the segregation of alleles at single gene locus based on _____

Select the correct option

<input checked="" type="radio"/>	Monohybrid cross	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Dihybrid cross		/
<input type="radio"/>	Trihybrid cross		/
<input type="radio"/>	All of the mentioned		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 24 of 30 (Start time: 08:57:54 AM, 05 January 2021)

Total Marks: 1

How much length of the DNA sequence within kinetochores regions?

Select the correct option

<input checked="" type="radio"/>	120 bp	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	140 bp		/
<input type="radio"/>	160 bp		/
<input type="radio"/>	180 bp		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 25 of 30 (Start time: 08:58:24 AM, 05 January 2021)

Total Marks: 1

What is the unit of linkage map?

Select the correct option

<input type="radio"/>	Morgan	
<input checked="" type="radio"/>	Centi-morgan	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Centimeter	
<input type="radio"/>	Angstrom	

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 26 of 30 (Start time: 08:59:33 AM, 05 January 2021)

Total Marks: 1

Which one of the following statement is not correct about Co-dominance?

Select the correct option

<input type="radio"/>	A situation, when both alleles appear in the phenotype	
<input checked="" type="radio"/>	Both alleles are expressed in a homozygous individuals	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Parallel behavior appears of both allele	
<input type="radio"/>	Both alleles are expressed in a heterozygous individuals	

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 27 of 30 (Start time: 09:00:19 AM, 05 January 2021)

Total Marks: 1

Prophase:

Select the correct option

- The nuclear membrane breaks apart and the spindle interacts with the chromosomes
- Chromosomes condense and become visible
- Chromosomes duplicate and remain attached
- Chromosomes align in the middle of the spindle

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:42 AM, 05 January 2021

Question # 28 of 30 (Start time: 09:01:41 AM, 05 January 2021)

Total Marks: 1

Due to _____ during meiosis I, the two sister chromatids of each chromosome are no longer genetically identical

Select the correct option

- Crossing-over
- Chiasmata formation
- Metaphase plate
- Synapse

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 29 of 30 (Start time: 09:02:11 AM, 05 January 2021)

Total Marks: 1

DNA replication is a type of.....

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input type="radio"/> | Conservative | |
| <input checked="" type="radio"/> | Semi-conservative | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Non- conservative | |
| <input type="radio"/> | Mutual- conservative | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:42 AM, 05 January 2021

Question # 30 of 30 (Start time: 09:02:53 AM, 05 January 2021)

Total Marks: 1

Which one of the following statement about prokaryotic chromosome is wrong?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | Prokaryotes have single chromosome plus plasmids | |
| <input type="radio"/> | Prokaryotic chromosome is circular | |
| <input checked="" type="radio"/> | Prokaryotic chromosome made of DNA and Histone proteins | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Prokaryotic chromosome found in cytoplasm | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 1 of 30 (Start time: 09:35:05 AM, 05 January 2021)

Total Marks: 1

70% genes in human are

Select the correct option

<input checked="" type="radio"/>	Mono-allelic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Di-allelic		/
<input type="radio"/>	Tri-allelic		/
<input type="radio"/>	Tetra-allelic		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 2 of 30 (Start time: 09:35:36 AM, 05 January 2021)

Total Marks: 1

Which is the cause of epigenetics?

Select the correct option

<input type="radio"/>	DNA methylation		/
<input type="radio"/>	Histone modifications		/
<input type="radio"/>	miRNA		/
<input checked="" type="radio"/>	All of the mentioned	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 3 of 30 (Start time: 09:36:03 AM, 05 January 2021)

Total Marks: 1

Identify the purine base of nucleic acids in the following

Select the correct option

<input type="radio"/>	Cytosine	
<input type="radio"/>	Thymine	
<input type="radio"/>	Uracil	
<input checked="" type="radio"/>	Adenine	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 4 of 30 (Start time: 09:36:17 AM, 05 January 2021)

Total Marks: 1

The diameter of packed nucleosome is

Select the correct option

<input type="radio"/>	2 nm	
<input type="radio"/>	11 nm	
<input checked="" type="radio"/>	30 nm	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	300 nm	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 5 of 30 (Start time: 09:37:46 AM, 05 January 2021)

Total Marks: 1

In DNA double helix, the two DNA chains are held together by

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Covalent bonds between the pair of bases | |
| <input checked="" type="radio"/> | Hydrogen bonds between the pair of bases | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Ionic bonds between the pair of bases | |
| <input type="radio"/> | None of the given | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 6 of 30 (Start time: 09:38:11 AM, 05 January 2021)

Total Marks: 1

Which one is not regulate gene expression?

Select the correct option

- | | | |
|----------------------------------|--------------------------|--|
| <input type="radio"/> | Cytosine methylation | |
| <input type="radio"/> | Histones modification | |
| <input type="radio"/> | Non-coding RNAs (siRNAs) | |
| <input checked="" type="radio"/> | Nucleotide modification | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 7 of 30 (Start time: 09:38:25 AM, 05 January 2021)

Total Marks: 1

Epistasis is the interaction between _____ genes.

Select the correct option

<input checked="" type="radio"/>	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	4		/
<input type="radio"/>	8		/
<input type="radio"/>	16		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 9:38 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 8 of 30 (Start time: 09:38:36 AM, 05 January 2021)

Total Marks: 1

Technique that gives an rough idea of gene location

Select the correct option

<input checked="" type="radio"/>	Genetic mapping	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Physical mapping		/
<input type="radio"/>	Top-down mapping		/
<input type="radio"/>	Bottom-up mapping		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 9:39 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 9 of 30 (Start time: 09:40:03 AM, 05 January 2021)

Total Marks: 1

A female bee sex is

Select the correct option

<input type="radio"/>	XY	
<input type="radio"/>	Diploid	
<input type="radio"/>	Haploid	
<input checked="" type="radio"/>	ZW	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 10 of 30 (Start time: 09:41:44 AM, 05 January 2021)

Total Marks: 1

Fragile X chromosome affects the _____ gene.

Select the correct option

<input type="radio"/>	H19	
<input type="radio"/>	Igf2	
<input type="radio"/>	SEC	
<input checked="" type="radio"/>	FMR1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 11 of 30 (Start time: 09:42:34 AM, 05 January 2021)

Total Marks: 1

Stage of prophase at which nuclear membrane dissolves...

Select the correct option

<input type="radio"/>	Stage 1		
<input checked="" type="radio"/>	Stage 2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Stage 3		
<input type="radio"/>	Stage 4		

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 12 of 30 (Start time: 09:43:02 AM, 05 January 2021)

Total Marks: 1

The law of independent assortment with dihybrid cross gives genotypic ratio in F2 as:

Select the correct option

<input type="radio"/>	1:1		
<input type="radio"/>	3:1		
<input type="radio"/>	1:2:1		
<input checked="" type="radio"/>	9:3:3:1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 13 of 30 (Start time: 09:44:03 AM, 05 January 2021)

Total Marks: 1

Who is considered "The Father of Genetics"?

Select the correct option

<input type="radio"/>	Charles Darwin	
<input checked="" type="radio"/>	Gregor Johann Mendel	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	James Watson	
<input type="radio"/>	Francis Crick	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 14 of 30 (Start time: 09:44:53 AM, 05 January 2021)

Total Marks: 1

Which of the following is not the property of Garden Pea plant that was used by Gregor Mendel for his experiment?

Select the correct option

<input type="radio"/>	Seed in a variety of shapes and colors	
<input type="radio"/>	Self and cross pollination	
<input type="radio"/>	Produces many offspring	
<input checked="" type="radio"/>	Long generation time	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 15 of 30 (Start time: 09:45:13 AM, 05 January 2021)

Total Marks: 1

How many numbers of alleles control the fur color of rabbit?

Select the correct option

- | | | |
|----------------------------------|-------|--|
| <input type="radio"/> | One | |
| <input type="radio"/> | Two | |
| <input type="radio"/> | Three | |
| <input checked="" type="radio"/> | Four | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 16 of 30 (Start time: 09:46:28 AM, 05 January 2021)

Total Marks: 1

The ABO blood group in humans is determined by

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input checked="" type="radio"/> | Multiple alleles | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Linked genes | |
| <input type="radio"/> | Incomplete dominance | |
| <input type="radio"/> | Epistatic genes | |

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 17 of 30 (Start time: 09:47:16 AM, 05 January 2021)

Total Marks: 1

The giant chromosomes found in _____ and they may be as long as 300 μ and up to 10 μ in diameter.

Select the correct option

<input checked="" type="radio"/>	Diptera	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Trillium		
<input type="radio"/>	Monocot		
<input type="radio"/>	Dicot		

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 18 of 30 (Start time: 09:47:40 AM, 05 January 2021)

Total Marks: 1

Which map is primarily based on the locations of landmarks along a DNA molecule?

Select the correct option

<input checked="" type="radio"/>	Physical mapping	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Radiation hybrid mapping		
<input type="radio"/>	Cytogenetic mapping		
<input type="radio"/>	Restriction enzymes site mapping		

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:35 AM, 05 January 2021

Question # 19 of 30 (Start time: 09:48:10 AM, 05 January 2021)

Total Marks: 1

Genetic make-up of an organism is called

Select the correct option

<input type="radio"/>	Phenotype	
<input checked="" type="radio"/>	Genotype	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Genetics	
<input type="radio"/>	Trait	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:35 AM, 05 January 2021

Question # 20 of 30 (Start time: 09:48:45 AM, 05 January 2021)

Total Marks: 1

The type of cell division important for tissue regeneration is

Select the correct option

<input checked="" type="radio"/>	Mitosis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Meiosis	
<input type="radio"/>	Amitosis	
<input type="radio"/>	Fission	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 21 of 30 (Start time: 09:49:12 AM, 05 January 2021)

Total Marks: 1

Chromosomes were described by _____ in 1875 and chromosome was first used by _____ in 1888

Select the correct option

- | | | |
|----------------------------------|-----------------------------------|--|
| <input type="radio"/> | Gregor Mendel, Friedrich Miescher | |
| <input checked="" type="radio"/> | Strausberger, Waldeyer | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Francis Crick, James Watson | |
| <input type="radio"/> | Thomas H. Morgan, Daniel Nathans | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 22 of 30 (Start time: 09:49:40 AM, 05 January 2021)

Total Marks: 1

During prophase, the nuclear envelope _____

Select the correct option

- | | | |
|----------------------------------|-----------------------|--|
| <input checked="" type="radio"/> | Disappear | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Is intact | |
| <input type="radio"/> | Begin to disappear | |
| <input type="radio"/> | Form additional pores | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 23 of 30 (Start time: 09:50:30 AM, 05 January 2021)

Total Marks: 1

_____ occurs when one mutation has the opposite effect when in the presence of another mutation.

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input type="radio"/> | Positive epistasis | |
| <input type="radio"/> | Negative epistasis | |
| <input checked="" type="radio"/> | Sign epistasis | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Reciprocal epistasis | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 24 of 30 (Start time: 09:50:58 AM, 05 January 2021)

Total Marks: 1

Which of the following has longer chromosomes.....

Select the correct option

- | | | |
|----------------------------------|---------|--|
| <input checked="" type="radio"/> | Plants | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Fungi | |
| <input type="radio"/> | Algae | |
| <input type="radio"/> | Animals | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 25 of 30 (Start time: 09:51:18 AM, 05 January 2021)

Total Marks: 1

A heredity unit on chromosomes is called:

Select the correct option

<input type="radio"/>	Genotype	
<input checked="" type="radio"/>	Gene	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Genetics	
<input type="radio"/>	Trait	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 26 of 30 (Start time: 09:51:31 AM, 05 January 2021)

Total Marks: 1

Which one of the following is not correct about the influence of environmental factors on epigenetics?

Select the correct option

<input type="radio"/>	The nutrition of the mother can affect the epigenome of a fetus	
<input type="radio"/>	Stress hormones from the mother to a fetus to affect the epigenome	
<input checked="" type="radio"/>	Social interactions and physical activity not affect the epigenome	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Exposure to toxins and diet affect the epigenome	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 27 of 30 (Start time: 09:52:42 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is correct?

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to all sons but to no daughters | |
| <input checked="" type="radio"/> | Father with X-linked disorder will transmit the mutant allele to all daughters but to no sons | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to half daughters and half to sons | |
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to half daughters and all to sons | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:35 AM, 05 January 2021

Question # 28 of 30 (Start time: 09:52:58 AM, 05 January 2021)

Total Marks: 1

Name the organism whose first genetic map was made?

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | Rat | |
| <input type="radio"/> | Arabidopsis | |
| <input type="radio"/> | Fly | |
| <input checked="" type="radio"/> | Drosophila | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:35 AM, 05 January 2021

Question # 29 of 30 (Start time: 09:53:10 AM, 05 January 2021)

Total Marks: 1

Which one of the statement is not correct about the position dependent method of disease causing gene mapping in human?

Select the correct option

- Starting from the approximate location of the gene, to finding the gene itself
- Starting at the phenotype, determining which protein was involved and then getting to the gene through the protein
- Translating it to learn about the protein and its function
- Positional cloning or reverse genetics

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:35 AM, 05 January 2021

Question # 30 of 30 (Start time: 09:53:58 AM, 05 January 2021)

Total Marks: 1

Which is the correct sequence of Bottom up mapping technique?

Select the correct option

- Make random clones→ Sequence each clone→ Overlap sequence reads→ Overlap contigs for complete sequence
- Overlap contigs for complete sequence → Sequence each clone →Make random clones→ Overlap sequence reads
- Sequence each clone→ Overlap sequence reads→ Overlap contigs for complete sequence→ Make random clones
- Overlap sequence reads→ Overlap contigs for complete sequence→ Sequence each clone→ Make random clones

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 1 of 30 (Start time: 11:56:21 AM, 05 January 2021)

Total Marks: 1

The numbers of genotypes can be calculated on the basis of _____

Select the correct option

- | | | |
|----------------------------------|------------------------|--|
| <input type="radio"/> | Numbers of amino acids | |
| <input checked="" type="radio"/> | Numbers of alleles | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Numbers of genes | |
| <input type="radio"/> | Numbers of chromosomes | |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:56 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 8 of 30 (Start time: 11:57:18 AM, 05 January 2021)

Total Marks: 1

When a cell divides, what do we call the 2 new cells?

Select the correct option

- | | | |
|----------------------------------|----------------|--|
| <input type="radio"/> | Mother cells | |
| <input type="radio"/> | Father cells | |
| <input checked="" type="radio"/> | Daughter cells | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Son cells | |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:57 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 12 of 30 (Start time: 11:58:03 AM, 05 January 2021)

Total Marks: 1

Which statement is not correct about recessive epistasis in pigeons?

Select the correct option

<input type="radio"/>	Recessive red is epistatic to spread color	
<input type="radio"/>	Recessive red is epistatic to pattern	
<input type="radio"/>	Spread is epistatic to pattern	
<input checked="" type="radio"/>	Pattern is epistatic to spread color	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 13 of 30 (Start time: 11:58:19 AM, 05 January 2021)

Total Marks: 1

Which is correct about the comb shape in chickens?

Select the correct option

<input type="radio"/>	Two different comb shapes is controlled by two genes found on two same chromosomes	
<input type="radio"/>	Two different comb shapes is controlled by one gene found on one chromosomes	
<input checked="" type="radio"/>	Four different comb shapes is controlled by two genes found on two different chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Four different comb shapes is controlled by one gene found on two different chromosomes	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 16 of 30 (Start time: 11:59:01 AM, 05 January 2021)

Total Marks: 1

Chromosomal theory of inheritance states that behavior of chromosomes is according to

Select the correct option

<input type="radio"/>	Mendel's law of dominance and segregation	
<input type="radio"/>	Mendel's law of dominance and independent assortment	
<input checked="" type="radio"/>	Mendel's law of segregation and independent assortment	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None of the mentioned	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, Edge, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 11:59 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 17 of 30 (Start time: 12:00:04 PM, 05 January 2021)

Total Marks: 1

How many hours does the G1 phase of interphase take to complete a cycle?

Select the correct option

<input type="radio"/>	4-6hours	
<input type="radio"/>	6-8 hours	
<input checked="" type="radio"/>	6-12 hours	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	16-24 hours	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, Edge, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 12:00 PM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 19 of 30 (Start time: 12:00:54 PM, 05 January 2021)

Total Marks: 1

In physical map, units of distance are expressed in

Select the correct option

- | | | |
|----------------------------------|-------------------------|--|
| <input type="radio"/> | Base pairs or Mbs | |
| <input type="radio"/> | Centimeter or nanometer | |
| <input checked="" type="radio"/> | Centimorgan or cM | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Angstrom or Centimorgan | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 20 of 30 (Start time: 12:01:15 PM, 05 January 2021)

Total Marks: 1

Which one of following statement is not correct about Meiosis I?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input checked="" type="radio"/> | Meiosis I results in two haploid daughter cells | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | It is called the reductional division | |
| <input type="radio"/> | Homologous chromosomes separate | |
| <input type="radio"/> | None of the mentioned | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 21 of 30 (Start time: 12:01:36 PM, 05 January 2021)

Total Marks: 1

A nucleosome consists of

Select the correct option

- | | | |
|----------------------------------|---------------------------|--|
| <input type="radio"/> | Chromatin and nucleotides | |
| <input type="radio"/> | Chromatin and histones | |
| <input type="radio"/> | DNA and chromatin | |
| <input checked="" type="radio"/> | DNA and histones | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 22 of 30 (Start time: 12:01:51 PM, 05 January 2021)

Total Marks: 1

Which type of inheritance appears in AB blood group phenotype?

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input type="radio"/> | Complete dominance | |
| <input type="radio"/> | Incomplete dominance | |
| <input checked="" type="radio"/> | Co-dominance | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | All of the given | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 24 of 30 (Start time: 12:02:10 PM, 05 January 2021)

Total Marks: 1

The DNA in a bacterial (prokaryotic) chromosome is best described as:

Select the correct option

<input checked="" type="radio"/>	A single circular double-helical molecule	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	A single linear double-helical molecule		
<input type="radio"/>	A single linear single-stranded molecule		
<input type="radio"/>	Multiple linear double-helical molecules		

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 25 of 30 (Start time: 12:02:53 PM, 05 January 2021)

Total Marks: 1

In humans, a zygote is a _____ cell having _____ chromosomes.

Select the correct option

<input checked="" type="radio"/>	Diploid; 46	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Diploid; 23		
<input type="radio"/>	Haploid; 46		
<input type="radio"/>	Haploid; 23		

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 26 of 30 (Start time: 12:03:10 PM, 05 January 2021)

Total Marks: 1

Which trait will produce in F1 generation of the crossing a brown pepper (RRyy) with a yellow pepper (rrYY)?

Select the correct option

<input type="radio"/>	Red	
<input type="radio"/>	Yellow	
<input checked="" type="radio"/>	Brown	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Green	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:56 AM, 05 January 2021

Question # 29 of 30 (Start time: 12:04:09 PM, 05 January 2021)

Total Marks: 1

Which one of following is an example of diploid cells?

Select the correct option

<input type="radio"/>	Skin cells	
<input type="radio"/>	Blood cells	
<input type="radio"/>	Bone cells	
<input checked="" type="radio"/>	All of the mentioned	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 1 of 30 (Start time: 11:29:58 AM, 05 January 2021)

Total Marks: 1

The splitting of sister chromatids occur at

Select the correct option

<input type="radio"/>	Prophase	
<input checked="" type="radio"/>	Anaphase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Metaphase	
<input type="radio"/>	Telophase	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 6 of 30 (Start time: 11:30:37 AM, 05 January 2021)

Total Marks: 1

Which are major factors that affect the epigenome?

Select the correct option

<input checked="" type="radio"/>	Exposure to toxins and diet	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Nutrition of the mother	
<input type="radio"/>	Social interactions and physical activity	
<input type="radio"/>	Stress hormones	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 7 of 30 (Start time: 11:31:10 AM, 05 January 2021)

Total Marks: 1

Which one of the fur color of rabbit is controlled by maximum numbers of genotypes?

Select the correct option

<input type="radio"/>	White	
<input type="radio"/>	Himalayan	
<input type="radio"/>	Chinchilla	
<input checked="" type="radio"/>	Gray	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 8 of 30 (Start time: 11:32:39 AM, 05 January 2021)

Total Marks: 1

Spindle microtubules attach to the kinetochores of chromosomes and move the chromosomes to the

Select the correct option

<input checked="" type="radio"/>	Metaphase plate	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Telophase plate	
<input type="radio"/>	Anaphase plate	
<input type="radio"/>	None of the above	

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 9 of 30 (Start time: 11:33:49 AM, 05 January 2021)

Total Marks: 1

There are about _____ loops in the chromosome of E. coli. These loops are highly twisted or supercoiled structure with about _____million nucleotide pairs.

Select the correct option

- 10, one
 - 20, two
 - 25, three
 - 50, four
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 15 of 30 (Start time: 11:35:00 AM, 05 January 2021)

Total Marks: 1

How many most common chromosomal banding types are present?

Select the correct option

- 2
 - 3
 - 4
 - 5
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:29 AM, 05 January 2021

Question # 18 of 30 (Start time: 11:35:53 AM, 05 January 2021)

Total Marks: 1

Giant chromosomes are first discovered by _____ in 1881 in dipteran salivary glands

Select the correct option

<input checked="" type="radio"/>	Balbani	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Watson and Crick		/
<input type="radio"/>	Charles Darwin		/
<input type="radio"/>	Gregor Johann Mendel		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:29 AM, 05 January 2021

Question # 19 of 30 (Start time: 11:36:20 AM, 05 January 2021)

Total Marks: 1

Pepper colour is controlled by

Select the correct option

<input type="radio"/>	One gene		/
<input checked="" type="radio"/>	Two genes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Three genes		/
<input type="radio"/>	Four genes		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 20 of 30 (Start time: 11:36:49 AM, 05 January 2021)

Total Marks: 1

During anaphase of mitosis, _____push against each other, that stretches the cell into an oval shape.

Select the correct option

- Kinetochore spindle fibers
- Non-kinetochore spindle fibers
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Poles
- Microtubule centers

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 24 of 30 (Start time: 11:37:34 AM, 05 January 2021)

Total Marks: 1

_____provide terminal stability to the chromosome and ensure its survival

Select the correct option

- Telomeres
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Centromere
- p-arms
- q-arms

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 25 of 30 (Start time: 11:37:57 AM, 05 January 2021)

Total Marks: 1

Differential expression of the genetic material depending on its parentage of inheritance gives _____

Select the correct option

<input type="radio"/>	Penetrance	
<input checked="" type="radio"/>	Expressivity	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Imprinting	
<input type="radio"/>	Non-penetrance	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 26 of 30 (Start time: 11:38:09 AM, 05 January 2021)

Total Marks: 1

Which of the following is not the part of Interphase in the cell cycle?

Select the correct option

<input type="radio"/>	S phase	
<input type="radio"/>	G1 phase	
<input type="radio"/>	G2 phase	
<input checked="" type="radio"/>	M phase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 28 of 30 (Start time: 11:38:27 AM, 05 January 2021)

Total Marks: 1

Nuclear DNA replicates in the _____ phase.

Select the correct option

<input type="radio"/>	G1 phase	
<input type="radio"/>	G2 phase	
<input checked="" type="radio"/>	S phase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	M phase	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 29 of 30 (Start time: 11:38:39 AM, 05 January 2021)

Total Marks: 1

Which type of inheritance appears in AB blood group phenotype?

Select the correct option

<input type="radio"/>	Complete dominance	
<input type="radio"/>	Incomplete dominance	
<input checked="" type="radio"/>	Co-dominance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	All of the given	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 11:29 AM, 05 January 2021

Question # 30 of 30 (Start time: 11:39:06 AM, 05 January 2021)

Total Marks: 1

Centromere breaks by the removal of a protein.....

Select the correct option

<input type="radio"/>	Separin	
<input type="radio"/>	Securin	
<input type="radio"/>	Heparin	
<input checked="" type="radio"/>	Tubulin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 1 of 30 (Start time: 10:58:15 AM, 05 January 2021)

Total Marks: 1

Historically, firstly developed sub discipline of genetics is

Select the correct option

- Population genetics
- Quantitative genetics
- Molecular genetics
- Transmission genetics

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 2 of 30 (Start time: 10:59:01 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is correct?

Select the correct option

- Carrier female mates normal male, 100% chance that each daughter will be a carrier; 50% chance that each son will have the disorder
- Carrier female mates normal male, 25% chance that each daughter will be a carrier; 50% chance that each son will have the disorder
- Carrier female mates normal male, 50% chance that each daughter will be a carrier; 25% chance that each son will have the disorder
- Carrier female mates normal male, 50% chance that each daughter will be a carrier; 50% chance that each son will have the disorder

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 3 of 30 (Start time: 10:59:58 AM, 05 January 2021)

Total Marks: 1

In the parental generation, when Mendel crossed a true-breeding pea strain that produced smooth seeds with one that produced wrinkled seeds then result was _____

Select the correct option

- | | | | |
|----------------------------------|---|--|--|
| <input checked="" type="radio"/> | All the F1 progeny seeds were smooth | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | |
| <input type="radio"/> | All the F1 progeny seeds were wrinkled | | |
| <input type="radio"/> | Half of the F1 progeny seeds were smooth | | |
| <input type="radio"/> | All the F1 progeny seeds were blended smooth and wrinkled | | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 5 of 30 (Start time: 11:00:15 AM, 05 January 2021)

Total Marks: 1

Which one of the statement is not correct about the position independent method of disease causing gene mapping in human?

Select the correct option

- | | | | |
|----------------------------------|--|--|--|
| <input type="radio"/> | Not knowing anything about the location of the gene | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | |
| <input checked="" type="radio"/> | Starting at the phenotype, determining which protein was involved and then getting to the gene through the protein | | |
| <input type="radio"/> | Forward genetics | | |
| <input type="radio"/> | Reverse genetics | | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:58 AM, 05 January 2021

Question # 6 of 30 (Start time: 11:01:29 AM, 05 January 2021)

Total Marks: 1

Which of following blood groups are consists of two different genotypes as homozygous and heterozygous?

Select the correct option

<input checked="" type="radio"/>	A & B	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	A & O		/
<input type="radio"/>	AB & O		/
<input type="radio"/>	B & O		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:58 AM, 05 January 2021

Question # 8 of 30 (Start time: 11:02:09 AM, 05 January 2021)

Total Marks: 1

Differential expression of the genetic material depending on its parentage of inheritance gives _____

Select the correct option

<input type="radio"/>	Penetrance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input checked="" type="radio"/>	Expressivity		/
<input type="radio"/>	Imprinting		/
<input type="radio"/>	Non-penetrance		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:58 AM, 05 January 2021

Question # 9 of 30 (Start time: 11:03:21 AM, 05 January 2021)

Total Marks: 1

The molecular weight of the histone protein H4 is

Select the correct option

- | | | |
|----------------------------------|--------|--|
| <input type="radio"/> | 21,130 | |
| <input checked="" type="radio"/> | 11,236 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 13,774 | |
| <input type="radio"/> | 13,960 | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:58 AM, 05 January 2021

Question # 10 of 30 (Start time: 11:04:16 AM, 05 January 2021)

Total Marks: 1

How many numbers of alleles control the fur color of rabbit?

Select the correct option

- | | | |
|----------------------------------|-------|--|
| <input type="radio"/> | One | |
| <input type="radio"/> | Two | |
| <input type="radio"/> | Three | |
| <input checked="" type="radio"/> | Four | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 11 of 30 (Start time: 11:04:32 AM, 05 January 2021)

Total Marks: 1

_____ occurs when two deleterious genes are beneficial when together

Select the correct option

<input type="radio"/>	Positive epistasis	
<input type="radio"/>	Negative epistasis	
<input type="radio"/>	Sign epistasis	
<input checked="" type="radio"/>	Reciprocal epistasis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 13 of 30 (Start time: 11:05:19 AM, 05 January 2021)

Total Marks: 1

In which of the cats the pattern observed in coat colour is due to environmental effect?

Select the correct option

<input type="radio"/>	Tortoise shell	
<input type="radio"/>	Calico	
<input checked="" type="radio"/>	Siamese	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Bob	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 18 of 30 (Start time: 11:06:45 AM, 05 January 2021)

Total Marks: 1

The sugar molecule in a nucleotide is

Select the correct option

<input checked="" type="radio"/>	Pentose	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Hexose		/
<input type="radio"/>	Tetrose		/
<input type="radio"/>	Triose		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 20 of 30 (Start time: 11:07:02 AM, 05 January 2021)

Total Marks: 1

Which one of following is show the pleiotropic effects in humans?

Select the correct option

<input type="radio"/>	Sickle cell anemia		/
<input type="radio"/>	Cystic fibrosis		/
<input type="radio"/>	Huntington disease		/
<input checked="" type="radio"/>	All of the given	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 21 of 30 (Start time: 11:07:39 AM, 05 January 2021)

Total Marks: 1

When one phenotypic trait is determined by multiple alleles then it is called as _____

Select the correct option

<input type="radio"/>	Epistasis	
<input type="radio"/>	Pleiotropic	
<input checked="" type="radio"/>	Polygenic inheritance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	All of the given	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:08 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 22 of 30 (Start time: 11:08:21 AM, 05 January 2021)

Total Marks: 1

Which of the following is not correct when gene is switched OFF and transcription is not possible?

Select the correct option

<input type="radio"/>	Silent (condensed) chromatin	
<input type="radio"/>	Methylated cytosine	
<input checked="" type="radio"/>	Acetylated histones	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Deacetylated histones	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:08 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 23 of 30 (Start time: 11:08:53 AM, 05 January 2021)

Total Marks: 1

Chromosome not visible in _____ due to _____ but can be seen during cell division.

Select the correct option

- | | | | |
|----------------------------------|--------------------------------------|--|---|
| <input checked="" type="radio"/> | Active nucleus, high water content | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Inactive nucleus, low water content | | / |
| <input type="radio"/> | Active nucleus, low water content | | / |
| <input type="radio"/> | Inactive nucleus, high water content | | / |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:09 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 27 of 30 (Start time: 11:09:47 AM, 05 January 2021)

Total Marks: 1

Histone modifications are cause of

Select the correct option

- | | | | |
|----------------------------------|------------------|--|---|
| <input type="radio"/> | Epistasis | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input checked="" type="radio"/> | Epigenetics | | / |
| <input type="radio"/> | Multiple alleles | | / |
| <input type="radio"/> | Polymorphism | | / |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:10 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 28 of 30 (Start time: 11:10:16 AM, 05 January 2021)

Total Marks: 1

More than _____ specific trinucleotide repeats is seen in individuals with fragile X.

Select the correct option

<input type="radio"/>	20	
<input type="radio"/>	50	
<input type="radio"/>	100	
<input checked="" type="radio"/>	200	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 29 of 30 (Start time: 11:11:04 AM, 05 January 2021)

Total Marks: 1

Fruit colour of summer squash plant is an example of

Select the correct option

<input checked="" type="radio"/>	Dominant epistasis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Recessive epistasis	
<input type="radio"/>	Relative epistasis	
<input type="radio"/>	Multiple epistasis	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

TIME LEFT: sec(s)

Quiz Start Time: 10:58 AM, 05 January 2021

Question # 30 of 30 (Start time: 11:11:36 AM, 05 January 2021)

Total Marks: 1

How many pairs of homologous chromosomes are present in human cell?

Select the correct option

- | | | |
|----------------------------------|---------|---|
| <input type="radio"/> | 1 pair | |
| <input type="radio"/> | 21 pair | |
| <input checked="" type="radio"/> | 22 pair | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 23 pair | |

Click to Save Answer & Move to Next Question

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 2 of 30 (Start time: 11:20:04 AM, 05 January 2021)

Total Marks: 1

In life forms with the ZZ-ZW chromosomal sex determination, the females are

Select the correct option

<input checked="" type="radio"/>	Homogametic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Heterogametic		/
<input type="radio"/>	Microgametic		/
<input type="radio"/>	Monoecious		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:20 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 6 of 30 (Start time: 11:21:19 AM, 05 January 2021)

Total Marks: 1

Which one restores the paired condition for both chromosomes and genes?

Select the correct option

<input checked="" type="radio"/>	Fertilization	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Oogenesis		/
<input type="radio"/>	Spermatogenesis		/
<input type="radio"/>	Mitosis		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 11:21 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 10 of 30 (Start time: 11:22:44 AM, 05 January 2021)

Total Marks: 1

Which of the following organism has highest numbers of chromosome?

Select the correct option

- Human
 - Dog
 - Goldfish
 - Horsetail
- Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 11 of 30 (Start time: 11:23:19 AM, 05 January 2021)

Total Marks: 1

Which of followings have single genotype

Select the correct option

- Blood group A and B
 - Blood group AB and A
 - Blood group AB and O
 - Blood group B and O
- Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:19 AM, 05 January 2021

Question # 12 of 30 (Start time: 11:23:39 AM, 05 January 2021)

Total Marks: 1

Meiosis, unlike mitosis involves

Select the correct option

<input checked="" type="radio"/>	1 nuclear division	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	2 nuclear divisions		/
<input type="radio"/>	4 nuclear divisions		/
<input type="radio"/>	Cytokinesis without karyokinesis		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:19 AM, 05 January 2021

Question # 13 of 30 (Start time: 11:24:14 AM, 05 January 2021)

Total Marks: 1

Which of the following is not the property of Garden Pea plant that was used by Gregor Mendel for his experiment?

Select the correct option

<input type="radio"/>	Seed in a variety of shapes and colors	/	
<input type="radio"/>	Self and cross pollination	/	
<input type="radio"/>	Produces many offspring	/	
<input checked="" type="radio"/>	Long generation time	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:19 AM, 05 January 2021

Question # 16 of 30 (Start time: 11:24:41 AM, 05 January 2021)

Total Marks: 1

The mitotic apparatus/spindles microtubules comprise of

Select the correct option

<input checked="" type="radio"/>	Centrosomes, Polar microtubules and astral microtubules	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Astral microtubules, Kinetochore microtubules and polar microtubules		/
<input type="radio"/>	Kinetochore microtubules, Centrosomes and polar microtubules		/
<input type="radio"/>	None of the mentioned		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, VLC, Edge, and Chrome. The active window is 'Quiz - Google Chr...'. The system tray shows the time as 11:25 AM on 1/5/2021.

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:19 AM, 05 January 2021

Question # 17 of 30 (Start time: 11:25:44 AM, 05 January 2021)

Total Marks: 1

_____ variation describes the situation in which there are many intermediates between the extremes.

Select the correct option

<input checked="" type="radio"/>	Continuous	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Discontinuous		/
<input type="radio"/>	Rapid		/
<input type="radio"/>	Random		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, VLC, Edge, and Chrome. The active window is 'Quiz - Google Chr...'. The system tray shows the time as 11:25 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 21 of 30 (Start time: 11:26:23 AM, 05 January 2021)

Total Marks: 1

The DNA between nucleosome is called as linker DNA. Its length is _____

Select the correct option

- | | | |
|----------------------------------|----------|--|
| <input type="radio"/> | 20-80 bp | |
| <input type="radio"/> | 10-20 bp | |
| <input type="radio"/> | 20-40 bp | |
| <input checked="" type="radio"/> | 20-60 bp | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, Edge, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 11:26 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 22 of 30 (Start time: 11:26:48 AM, 05 January 2021)

Total Marks: 1

Which one of the following statement is correct about human genes?

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | 30% genes in humans are di-allelic and they exist in one form | |
| <input type="radio"/> | 30% genes in humans are mono-allelic and they exist in two forms | |
| <input checked="" type="radio"/> | 30% genes in humans are di-allelic and they exist in two forms | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 70% genes in humans are di-allelic and many are poly-allelic | |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, Edge, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 11:27 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 23 of 30 (Start time: 11:27:35 AM, 05 January 2021)

Total Marks: 1

The molecular weight of the histone protein H1 is

Select the correct option

<input checked="" type="radio"/>	22,500	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	11,236		/
<input type="radio"/>	13,774		/
<input type="radio"/>	13,960		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 25 of 30 (Start time: 11:28:12 AM, 05 January 2021)

Total Marks: 1

Genetic material in cells is organized into chromosomes. Prokaryotes generally have _____chromosome. Eukaryotes have _____ chromosomes in their nuclei.

Select the correct option

<input checked="" type="radio"/>	One circular, Multiple and linear	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Two circular, Single and linear		/
<input type="radio"/>	Three circular, one linear		/
<input type="radio"/>	Multiple and circular, Multiple and linear		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:19 AM, 05 January 2021

Question # 30 of 30 (Start time: 11:28:57 AM, 05 January 2021)

Total Marks: 1

Which epistasis between beneficial mutations generates improvements in function?

Select the correct option

<input checked="" type="radio"/>	Positive epistasis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Negative epistasis		/
<input type="radio"/>	Sign epistasis		/
<input type="radio"/>	Reciprocal epistasis		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 1 of 30 (Start time: 10:23:09 AM, 05 January 2021)

Total Marks: 1

Exchange of DNA segments between chromosomes is known as

Select the correct option

<input type="radio"/>	Multiple alleles	
<input type="radio"/>	Chiasmata	
<input checked="" type="radio"/>	Crossing over	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Gene manipulation	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 2 of 30 (Start time: 10:23:36 AM, 05 January 2021)

Total Marks: 1

Which one of the following is not correct about organism with their chromosome numbers?

Select the correct option

<input type="radio"/>	Fungi have 3-8 chromosomes	
<input checked="" type="radio"/>	Angiosperms have 78 chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Round worm has only two chromosomes	
<input type="radio"/>	Protozoa having more than 300 chromosomes	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 3 of 30 (Start time: 10:23:53 AM, 05 January 2021)

Total Marks: 1

Which one of the following statement is correct about human genes?

Select the correct option

- | | | |
|----------------------------------|--|---|
| <input type="radio"/> | 30% genes in humans are di-allelic and they exist in one form | / |
| <input type="radio"/> | 30% genes in humans are mono-allelic and they exist in two forms | / |
| <input checked="" type="radio"/> | 30% genes in humans are di-allelic and they exist in two forms | / |
| <input type="radio"/> | 70% genes in humans are di-allelic and many are poly-allelic | / |

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 4 of 30 (Start time: 10:24:35 AM, 05 January 2021)

Total Marks: 1

The frequency of crossing over between any two linked genes is

Select the correct option

- | | | |
|----------------------------------|---|---|
| <input type="radio"/> | Higher if they are recessive | / |
| <input type="radio"/> | Different between males and females | / |
| <input type="radio"/> | Determined by their relative dominance | / |
| <input checked="" type="radio"/> | Proportional to the distance between them | / |

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 5 of 30 (Start time: 10:25:51 AM, 05 January 2021)

Total Marks: 1

A linkage map

Select the correct option

- orders genes on a chromosome based on recombination frequencies
- can only be constructed for sex chromosomes
- orders genes on a chromosome based on their location with respect to a stained band
- shows the actual ordering and spacing of genes on a chromosome

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 6 of 30 (Start time: 10:27:18 AM, 05 January 2021)

Total Marks: 1

G0 phase is.....

Select the correct option

- Pre-mitotic phase
- Post-mitotic phase
- Resting phase
- Interphase

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 7 of 30 (Start time: 10:27:38 AM, 05 January 2021)

Total Marks: 1

The cytokinesis in animal cells is characterized by

Select the correct option

- | | | |
|----------------------------------|-------------------|--|
| <input type="radio"/> | Phragmoplast | |
| <input checked="" type="radio"/> | Cleavage furrow | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Nuclear plate | |
| <input type="radio"/> | Cytoplasmic plate | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 8 of 30 (Start time: 10:27:50 AM, 05 January 2021)

Total Marks: 1

Which of the following has longer chromosomes.....

Select the correct option

- | | | |
|----------------------------------|---------|--|
| <input checked="" type="radio"/> | Plants | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Fungi | |
| <input type="radio"/> | Algae | |
| <input type="radio"/> | Animals | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 9 of 30 (Start time: 10:28:00 AM, 05 January 2021)

Total Marks: 1

Which one of the following genotype expresses the Green color of pepper?

Select the correct option

<input type="radio"/>	RRYY	
<input type="radio"/>	RrYy	
<input type="radio"/>	rrYy	
<input checked="" type="radio"/>	rryy	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 10 of 30 (Start time: 10:28:13 AM, 05 January 2021)

Total Marks: 1

When DNA polymerase is in contact with guanine in the parental strand, what does it add to the growing daughter strand?

Select the correct option

<input type="radio"/>	Adenine	
<input checked="" type="radio"/>	Cytosine	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Uracil	
<input type="radio"/>	Thymine	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 11 of 30 (Start time: 10:28:55 AM, 05 January 2021)

Total Marks: 1

When two mutations together have a smaller effect than expected from their effects when alone, it is called

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input type="radio"/> | Positive epistasis | |
| <input checked="" type="radio"/> | Negative epistasis | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Sign epistasis | |
| <input type="radio"/> | Reciprocal epistasis | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 12 of 30 (Start time: 10:29:27 AM, 05 January 2021)

Total Marks: 1

Which one of the following have chromosome number from 8 - 16 and their most common number is 12?

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | Fungi | |
| <input checked="" type="radio"/> | Angiosperms | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Round worm | |
| <input type="radio"/> | Protozoa | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 13 of 30 (Start time: 10:29:40 AM, 05 January 2021)

Total Marks: 1

In case of two gene interaction, the gene which is masking the expression of another is called _____

Select the correct option

<input checked="" type="radio"/>	Dominant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Recessive		/
<input type="radio"/>	Epistatic		/
<input type="radio"/>	Hypostatic		/

Click to Save Answer & Move to Next Question

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BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 14 of 30 (Start time: 10:30:22 AM, 05 January 2021)

Total Marks: 1

DNA replication is a type of.....

Select the correct option

<input type="radio"/>	Conservative	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input checked="" type="radio"/>	Semi-conservative		/
<input type="radio"/>	Non- conservative		/
<input type="radio"/>	Mutual- conservative		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, Edge, and Chrome. The active window is 'Quiz - Google Chr...'. The system tray shows the time as 10:30 AM on 1/5/2021.

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BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 15 of 30 (Start time: 10:30:33 AM, 05 January 2021)

Total Marks: 1

Hair color is controlled by alleles on _____

Select the correct option

- | | | |
|----------------------------------|------------------------------|--|
| <input type="radio"/> | Chromosomes 2, 4, 8, and 10 | |
| <input checked="" type="radio"/> | Chromosomes 3, 6, 10, and 18 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Chromosomes 4, 6, 10, and 20 | |
| <input type="radio"/> | Chromosomes 5, 6, 10, and 18 | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 16 of 30 (Start time: 10:31:00 AM, 05 January 2021)

Total Marks: 1

Groups of human chromosomes are.....

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | 3 | |
| <input type="radio"/> | 5 | |
| <input checked="" type="radio"/> | 7 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 9 | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 17 of 30 (Start time: 10:32:23 AM, 05 January 2021)

Total Marks: 1

During the summer, the arctic fox produces enzymes that cause its fur to become reddish brown. During the winter, these enzymes do not function. As a result, the fox has a white coat that blends into the snowy background. This change in fur color shows that:

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input checked="" type="radio"/> | The expression of certain genes is affected by temperature | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Random alteration of DNA can occur on certain chromosomes | |
| <input type="radio"/> | The genes of a fox are made of unstable DNA | |
| <input type="radio"/> | Mutations can be caused by temperature extremes | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 18 of 30 (Start time: 10:32:41 AM, 05 January 2021)

Total Marks: 1

All offspring of same variety is called as

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | Cross breed | |
| <input type="radio"/> | Hybrid | |
| <input type="radio"/> | Line breed | |
| <input checked="" type="radio"/> | True breed | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 19 of 30 (Start time: 10:32:54 AM, 05 January 2021)

Total Marks: 1

Which one of the following statement is not correct about incomplete dominance?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | An intermediate phenotype appears between two extremes | |
| <input checked="" type="radio"/> | One of the allele is dominant | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Phenotype appears as a blend of both alleles and new phenotype appears | |
| <input type="radio"/> | Incomplete dominance is a situation in which neither allele is dominant | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 20 of 30 (Start time: 10:33:48 AM, 05 January 2021)

Total Marks: 1

Genetists or researchers can study the genotype based on the phenotype in classical/forward genetics through _____

Select the correct option

- | | | |
|----------------------------------|---------------------------|--|
| <input checked="" type="radio"/> | DNA sequencing | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | RNA interference (RNAi) | |
| <input type="radio"/> | Gene knockout | |
| <input type="radio"/> | Site-directed mutagenesis | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 21 of 30 (Start time: 10:34:01 AM, 05 January 2021)

Total Marks: 1

Stage of prophase at which nuclear membrane dissolves...

Select the correct option

<input type="radio"/>	Stage 1		
<input checked="" type="radio"/>	Stage 2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Stage 3		
<input type="radio"/>	Stage 4		

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 22 of 30 (Start time: 10:34:11 AM, 05 January 2021)

Total Marks: 1

In metaphase I, _____ line up at the metaphase plate, with one chromosome facing each pole.

Select the correct option

<input type="radio"/>	Triads		
<input checked="" type="radio"/>	Tetrads	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Pentads		
<input type="radio"/>	Hexads		

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 23 of 30 (Start time: 10:34:22 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is correct about homologous chromosomes in human cell?

Select the correct option

- | | | | |
|----------------------------------|---|--|---|
| <input checked="" type="radio"/> | Male cells have 22 pairs of homologous and one pair of non-homologous chromosomes | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Male cells have 23 pairs of homologous and one pair of non-homologous chromosomes | | / |
| <input type="radio"/> | Female cells have 22 pairs of homologous and one pair of non-homologous chromosomes | | / |
| <input type="radio"/> | Female cells have 23 pairs of homologous and one pair of non-homologous chromosomes | | / |

▶ Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 24 of 30 (Start time: 10:35:45 AM, 05 January 2021)

Total Marks: 1

The diameter of chromatin is

Select the correct option

- | | | | |
|----------------------------------|--------|--|---|
| <input type="radio"/> | 2 nm | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | 11 nm | | / |
| <input checked="" type="radio"/> | 30 nm | | / |
| <input type="radio"/> | 300 nm | | / |

▶ Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 25 of 30 (Start time: 10:36:52 AM, 05 January 2021)

Total Marks: 1

Which of the following sequences shows the correct life cycle for humans?

Select the correct option

- diploid egg + diploid sperm --> haploid zygote --> mitosis --> haploid adult --> meiosis --> diploid gametes
- diploid egg + diploid sperm --> haploid zygote --> meiosis --> haploid adult --> mitosis --> diploid gametes
- haploid egg + haploid sperm --> diploid zygote --> mitosis --> diploid adult --> meiosis --> haploid gametes
- haploid egg + haploid sperm --> diploid zygote --> meiosis --> diploid adult --> mitosis --> haploid gametes

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 26 of 30 (Start time: 10:37:42 AM, 05 January 2021)

Total Marks: 1

Building blocks of nucleic acids are _____

Select the correct option

- Histones
- Amino acids
- Nucleosides
- Nucleotides

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 27 of 30 (Start time: 10:37:56 AM, 05 January 2021)

Total Marks: 1

In the parental generation, when Mendel crossed a true-breeding pea strain that produced smooth seeds with one that produced wrinkled seeds then result was _____

Select the correct option

- | | | | |
|----------------------------------|---|--|--|
| <input checked="" type="radio"/> | All the F1 progeny seeds were smooth | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | |
| <input type="radio"/> | All the F1 progeny seeds were wrinkled | | |
| <input type="radio"/> | Half of the F1 progeny seeds were smooth | | |
| <input type="radio"/> | All the F1 progeny seeds were blended smooth and wrinkled | | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 10:23 AM, 05 January 2021

Question # 28 of 30 (Start time: 10:38:36 AM, 05 January 2021)

Total Marks: 1

_____ states that the two alleles of a gene found on each of a pair of chromosomes separate independently of one another into sex cells.

Select the correct option

- | | | | |
|----------------------------------|--|--|--|
| <input type="radio"/> | Mendel's law of common descent | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | |
| <input checked="" type="radio"/> | Mendel's law of independent assortment | | |
| <input type="radio"/> | Mendel's law of random inheritance | | |
| <input type="radio"/> | Mendel's law of segregation | | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 29 of 30 (Start time: 10:38:54 AM, 05 January 2021)

Total Marks: 1

E.coli has about _____genes are organized into its one circular chromosome

Select the correct option

- | | | |
|----------------------------------|--------------|--|
| <input type="radio"/> | 1000 to 2000 | |
| <input type="radio"/> | 2000 to 3000 | |
| <input checked="" type="radio"/> | 3000 to 4000 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 4000 to 5000 | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 10:23 AM, 05 January 2021

Question # 30 of 30 (Start time: 10:39:05 AM, 05 January 2021)

Total Marks: 1

The genome length of prokaryotic chromosome is smallest in

Select the correct option

- | | | |
|----------------------------------|---------------------|--|
| <input checked="" type="radio"/> | RNA viruses | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | DNA viruses | |
| <input type="radio"/> | RNA and DNA viruses | |
| <input type="radio"/> | Only dsDNA viruses | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Time Left sec(s)

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 1 of 30 (Start time: 11:43:16 AM, 05 January 2021)

Total Marks: 1

Variation is a differences that can be seen in individuals of the same species. Which one of following statement is correct about variation?

Select the correct option

- It can be due to influence of genetic makeup only
- It can be due to influence of environment factors
- It can be due to influence of genetic makeup or environment factors
- It can be due to influence of genetic makeup, environment factors or by combination of both

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 3 of 30 (Start time: 11:44:45 AM, 05 January 2021)

Total Marks: 1

Spindle microtubules attach to the kinetochores of chromosomes and move the chromosomes to the

Select the correct option

- Metaphase plate
- Telophase plate
- Anaphase plate
- None of the above

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:43 AM, 05 January 2021

Question # 5 of 30 (Start time: 11:45:08 AM, 05 January 2021)

Total Marks: 1

Modern concept about the law of dominance is _____

Select the correct option

- The gene for a particular inherited character resides at a specific locus on non-homologous chromosome
- The gene for a particular inherited character resides at a specific locus on either homologous or non-homologous chromosome
- The gene for a particular inherited character resides at a specific locus on homologous chromosome
- The gene for a particular inherited character resides at a specific locus on both homologous and non-homologous chromosome

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:43 AM, 05 January 2021

Question # 6 of 30 (Start time: 11:46:18 AM, 05 January 2021)

Total Marks: 1

Technique that gives an rough idea of gene location

Select the correct option

- Genetic mapping
- Physical mapping
- Top-down mapping
- Bottom-up mapping

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 8 of 30 (Start time: 11:46:38 AM, 05 January 2021)

Total Marks: 1

In blue-eyed Mary plant a white substance is first converted to a _____ substance by 1st gene and that to a _____ substance by 2nd gene to give a blue flower.

Select the correct option

<input checked="" type="radio"/>	Colorless, Magenta	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Magenta, Anthocyanin		/
<input type="radio"/>	Anthocyanin, Blue		/
<input type="radio"/>	Blue, Magenta		/

 Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 9 of 30 (Start time: 11:47:45 AM, 05 January 2021)

Total Marks: 1

_____ variation describes the situation in which there are many intermediates between the extremes.

Select the correct option

<input checked="" type="radio"/>	Continuous	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Discontinuous		/
<input type="radio"/>	Rapid		/
<input type="radio"/>	Random		/

 Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 11 of 30 (Start time: 11:47:59 AM, 05 January 2021)

Total Marks: 1

_____ cells become _____ cells of the embryo which differentiate into specific lineages.

Select the correct option

- | | | | |
|----------------------------------|--------------------------|--|---|
| <input checked="" type="radio"/> | Totipotent, Pluripotent | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Pluripotent, Totipotent | | / |
| <input type="radio"/> | Totipotent, Totipotent | | / |
| <input type="radio"/> | Pluripotent, Pluripotent | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 12 of 30 (Start time: 11:48:26 AM, 05 January 2021)

Total Marks: 1

Which one following histone protein has high molecular weight, greater number of amino acid and high percentage of lysine and arginine?

Select the correct option

- | | | | |
|----------------------------------|-----|--|---|
| <input checked="" type="radio"/> | H1 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | H2A | | / |
| <input type="radio"/> | H3 | | / |
| <input type="radio"/> | H4 | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 14 of 30 (Start time: 11:49:55 AM, 05 January 2021)

Total Marks: 1

Which condition is called as polygenic inheritance?

Select the correct option

- When one gene influences the expression of one trait
- When one gene influences the expression of multiple traits
- When two or more genes influence the expression of multiple traits
- When two or more genes influence the expression of one trait

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 17 of 30 (Start time: 11:50:29 AM, 05 January 2021)

Total Marks: 1

How many number of bands can be recognized on giant chromosome of the Drosophila?

Select the correct option

- 50
- 500
- 5000
- 50000

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 11:43 AM, 05 January 2021

Question # 18 of 30 (Start time: 11:51:07 AM, 05 January 2021)

Total Marks: 1

What is the other name of a polytene chromosome?

Select the correct option

<input checked="" type="radio"/>	Salivary gland chromosome	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Lampbrush chromosome		/
<input type="radio"/>	Regulatory chromosome		/
<input type="radio"/>	Ribonucleoprotein		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 23 of 30 (Start time: 11:52:15 AM, 05 January 2021)

Total Marks: 1

In the ABO system, blood group 'O' is characterized by the:

Select the correct option

<input type="radio"/>	presence of antigen O	/	
<input type="radio"/>	presence of both antigen A and antigen B	/	
<input checked="" type="radio"/>	absence of both antigen A and antigen B	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	presence of antigen A and absence of antigen B	/	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Time Left sec(s)

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 26 of 30 (Start time: 11:52:41 AM, 05 January 2021)

Total Marks: 1

Shepherd's purse has two shape heart and narrow. If you cross a true breeding heart to a true breeding narrow, F1 will give _____

Select the correct option

- | | | | |
|----------------------------------|------------------------------|--|---|
| <input checked="" type="radio"/> | Heart | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Narrow | | / |
| <input type="radio"/> | A mixture of heart or narrow | | / |
| <input type="radio"/> | Disc shaped | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 11:43 AM, 05 January 2021

Question # 29 of 30 (Start time: 11:53:26 AM, 05 January 2021)

Total Marks: 1

What is the name of the region where double-stranded single circular DNA is found in the prokaryotic cell?

Select the correct option

- | | | | |
|----------------------------------|--------------|--|---|
| <input type="radio"/> | Protonucleus | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Nucleus | | / |
| <input checked="" type="radio"/> | Nucleoid | | / |
| <input type="radio"/> | Nucleoplasm | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 1 of 30 (Start time: 09:06:36 AM, 05 January 2021)

Total Marks: 1

What is the composition of nucleotide?

Select the correct option

<input type="radio"/>	a sugar + a phosphate	
<input type="radio"/>	a base + a sugar	
<input type="radio"/>	a base + a phosphate	
<input checked="" type="radio"/>	a base + a sugar + phosphate	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 2 of 30 (Start time: 09:06:58 AM, 05 January 2021)

Total Marks: 1

Which of the following is widest DNA?

Select the correct option

<input checked="" type="radio"/>	A-DNA	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	B-DNA	
<input type="radio"/>	C-DNA	
<input type="radio"/>	Z-DNA	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 3 of 30 (Start time: 09:07:32 AM, 05 January 2021)

Total Marks: 1

Causes genes to not segregate independently. Causes genes to be more likely to be inherited together. Represents an exception to Mendel's Law of Independent assortment.

Select the correct option

<input checked="" type="radio"/>	Gene linkage	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Epistasis		/
<input type="radio"/>	Polygenic traits		/
<input type="radio"/>	Codominance		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 9:08 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 4 of 30 (Start time: 09:08:37 AM, 05 January 2021)

Total Marks: 1

It is estimated that about _____ genes are imprinted and they can be found on several different chromosomes.

Select the correct option

<input type="radio"/>	20		/
<input checked="" type="radio"/>	40	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	60		/
<input type="radio"/>	100		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system tray shows the time as 9:08 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 5 of 30 (Start time: 09:09:05 AM, 05 January 2021)

Total Marks: 1

Tetrads align at center.....

Select the correct option

<input type="radio"/>	Prophase I	
<input checked="" type="radio"/>	Metaphase I	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Anaphase I	
<input type="radio"/>	Telophase I	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 6 of 30 (Start time: 09:09:38 AM, 05 January 2021)

Total Marks: 1

Meiosis in males is called _____and produces sperms

Select the correct option

<input type="radio"/>	Ovulation	
<input type="radio"/>	Fertilization	
<input checked="" type="radio"/>	Spermatogenesis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Division	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 7 of 30 (Start time: 09:09:52 AM, 05 January 2021)

Total Marks: 1

_____ states that the two alleles of a gene found on each of a pair of chromosomes separate independently of one another into sex cells.

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Mendel's law of common descent | |
| <input checked="" type="radio"/> | Mendel's law of independent assortment | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Mendel's law of random inheritance | |
| <input type="radio"/> | Mendel's law of segregation | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 8 of 30 (Start time: 09:11:27 AM, 05 January 2021)

Total Marks: 1

Primary oocyte produces polar bodies.....

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | 1 | |
| <input type="radio"/> | 2 | |
| <input checked="" type="radio"/> | 3 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 4 | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 9 of 30 (Start time: 09:13:09 AM, 05 January 2021)

Total Marks: 1

Which one of the following have chromosome number from 8 - 16 and their most common number is 12?

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | Fungi | |
| <input checked="" type="radio"/> | Angiosperms | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Round worm | |
| <input type="radio"/> | Protozoa | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 10 of 30 (Start time: 09:13:32 AM, 05 January 2021)

Total Marks: 1

In humans, _____ of somatic cells

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | ~ 20 types | |
| <input type="radio"/> | ~ 120 types | |
| <input checked="" type="radio"/> | ~ 220 types | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | ~ 420 types | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 11 of 30 (Start time: 09:14:01 AM, 05 January 2021)

Total Marks: 1

Each identical side of a chromosome is the

Select the correct option

<input checked="" type="radio"/>	Chromatid	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Centriole		/
<input type="radio"/>	Chromatin		/
<input type="radio"/>	Centromere		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 12 of 30 (Start time: 09:14:42 AM, 05 January 2021)

Total Marks: 1

Which condition is called as polygenic inheritance?

Select the correct option

<input type="radio"/>	When one gene influences the expression of one trait	/	
<input type="radio"/>	When one gene influences the expression of multiple traits	/	
<input type="radio"/>	When two or more genes influence the expression of multiple traits	/	
<input checked="" type="radio"/>	When two or more genes influence the expression of one trait	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:06 AM, 05 January 2021

Question # 13 of 30 (Start time: 09:15:18 AM, 05 January 2021)

Total Marks: 1

How many types of enzymes are involved in histone acetylation?

Select the correct option

- | | | | |
|----------------------------------|-------|--|---|
| <input checked="" type="radio"/> | Two | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Four | | / |
| <input type="radio"/> | Six | | / |
| <input type="radio"/> | Eight | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 09:06 AM, 05 January 2021

Question # 14 of 30 (Start time: 09:15:55 AM, 05 January 2021)

Total Marks: 1

In metaphase I, _____ line up at the metaphase plate, with one chromosome facing each pole.

Select the correct option

- | | | | |
|----------------------------------|---------|--|---|
| <input type="radio"/> | Triads | | / |
| <input checked="" type="radio"/> | Tetrads | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Pentads | | / |
| <input type="radio"/> | Hexads | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 15 of 30 (Start time: 09:16:19 AM, 05 January 2021)

Total Marks: 1

The region where two sister chromatids of a chromosome joined or "held together" during mitotic metaphase is called _____

Select the correct option

<input type="radio"/>	Telomeres	
<input checked="" type="radio"/>	Centromere	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	p-arms	
<input type="radio"/>	q-arms	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 16 of 30 (Start time: 09:16:46 AM, 05 January 2021)

Total Marks: 1

Which trait will produce in F1 generation of the crossing a brown pepper (RRyy) with a yellow pepper (rrYY)?

Select the correct option

<input checked="" type="radio"/>	Red	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Yellow	
<input type="radio"/>	Brown	
<input type="radio"/>	Green	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 17 of 30 (Start time: 09:18:42 AM, 05 January 2021)

Total Marks: 1

In life forms with the ZZ-ZW chromosomal sex determination, the males have

Select the correct option

<input checked="" type="radio"/>	ZZ chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	WW chromosomes		/
<input type="radio"/>	ZW chromosomes		/
<input type="radio"/>	Either ZZ or ZW chromosomes		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 18 of 30 (Start time: 09:18:56 AM, 05 January 2021)

Total Marks: 1

Which one of following statements is correct about the Mendel Law of Dominance?

Select the correct option

<input checked="" type="radio"/>	In a cross of parents that are pure for contrasting traits only one form of the trait will appear in the next generation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	In a cross of parents that are pure for contrasting traits blended form of the trait will appear in the next generation		/
<input type="radio"/>	In a cross of parents that are pure for contrasting traits two form of the traits will appear in the next generation		/
<input type="radio"/>	In a cross of parents that are pure for contrasting traits no form of the traits will appear in the next generation		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 19 of 30 (Start time: 09:19:13 AM, 05 January 2021)

Total Marks: 1

A point mutation in the _____ completely eliminates the ability of the centromere to function during chromosome segregation.

Select the correct option

- | | | |
|----------------------------------|-------------------------------|--|
| <input type="radio"/> | CDE-I sub-domain of CEN DNA | |
| <input type="radio"/> | CDE-II sub-domain of CEN DNA | |
| <input checked="" type="radio"/> | CDE-III sub-domain of CEN DNA | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | CDE-IV sub-domain of CEN DNA | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 21 of 30 (Start time: 09:19:56 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is not correct about Prophase II?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input checked="" type="radio"/> | Replication of Chromosomes occur | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Nuclear membrane disappears | |
| <input type="radio"/> | Spindle fibers form and radiate toward the center of the cell | |
| <input type="radio"/> | Centrioles take the position on poles | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 22 of 30 (Start time: 09:20:39 AM, 05 January 2021)

Total Marks: 1

Who is considered "The Father of Genetics"?

Select the correct option

<input type="radio"/>	Charles Darwin	
<input checked="" type="radio"/>	Gregor Johann Mendel	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	James Watson	
<input type="radio"/>	Francis Crick	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 23 of 30 (Start time: 09:21:20 AM, 05 January 2021)

Total Marks: 1

Which one of the following is not correct about organism with their chromosome numbers?

Select the correct option

<input type="radio"/>	Fungi have 3-8 chromosomes	
<input checked="" type="radio"/>	Angiosperms have 78 chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Round worm has only two chromosomes	
<input type="radio"/>	Protozoa having more than 300 chromosomes	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 24 of 30 (Start time: 09:22:12 AM, 05 January 2021)

Total Marks: 1

Which statement is not correct about epigenetic regulation in identical twins?

Select the correct option

- The difference in the twins epigenomes is what makes them become different when they are older
- Over time the twins environments will diverge, resulting in individual epigenetic tags to form for each twin
- While infants they experience the same or very similar environments, so there is little variation in the epigenome
- The epigenetic tags can have such an effect on the twins that one can develop a disease and the other is also

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 25 of 30 (Start time: 09:22:26 AM, 05 January 2021)

Total Marks: 1

Which one of the following statement is correct about human genes?

Select the correct option

- 30% are mono-allelic and they exist in two forms
- 30% are di-allelic and they exist only in one form
- 70% are di-allelic and they exist in two forms
- 70% are mono-allelic and they exist only in one form

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 26 of 30 (Start time: 09:23:23 AM, 05 January 2021)

Total Marks: 1

Which of the following organisms have 16 chromosomes?

Select the correct option

<input checked="" type="radio"/>	Onion and Mold	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Rice and Maize		/
<input type="radio"/>	Tomato and Tobacco		/
<input type="radio"/>	Carrot and Onion		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 27 of 30 (Start time: 09:23:50 AM, 05 January 2021)

Total Marks: 1

New phenotypic variations produced when T.H.Morgan test cross performed between F1 dihybrid (Wild type, gray with normal wings) with Double mutant (black with vestigial wings) because of _____

Select the correct option

<input type="radio"/>	Genes located on the same chromosome, if are linked, will inherit together	/	
<input checked="" type="radio"/>	Crossing over and linkage that break the genes physical connection	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Genes are located on different chromosomes	/	
<input type="radio"/>	Body color and wing shape are inherited together because their genes are on the same chromosome	/	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 28 of 30 (Start time: 09:24:47 AM, 05 January 2021)

Total Marks: 1

Which of following does not revert to the euchromatin stage?

Select the correct option

<input checked="" type="radio"/>	Constitutive heterochromatin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Constitutive euchromatin		/
<input type="radio"/>	Facultative heterochromatin		/
<input type="radio"/>	Facultative euchromatin		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 29 of 30 (Start time: 09:25:36 AM, 05 January 2021)

Total Marks: 1

Which one of following statement about color blindness is correct?

Select the correct option

<input type="radio"/>	Color blind mother will transmit the mutant allele to all sons and daughters	/	
<input type="radio"/>	Color blind mother will transmit the mutant allele to all daughters but to no sons	/	
<input type="radio"/>	Color blind mother will transmit the mutant allele to 50% sons but to 50% daughters	/	
<input checked="" type="radio"/>	Color blind mother will transmit the mutant allele to all sons but to no daughters	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)

Quiz Start Time: 09:06 AM, 05 January 2021

Question # 30 of 30 (Start time: 09:27:20 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is correct?

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to all sons but to no daughters | / |
| <input checked="" type="radio"/> | Father with X-linked disorder will transmit the mutant allele to all daughters but to no sons | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to half daughters and half to sons | / |
| <input type="radio"/> | Father with X-linked disorder will transmit the mutant allele to half daughters and all to sons | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 1 of 30 (Start time: 08:05:28 AM, 05 January 2021)

Total Marks: 1

Which of following statement is correct about the epigenetic modification?

Select the correct option

- | | | | |
|----------------------------------|--|--|---|
| <input checked="" type="radio"/> | When histones are acetylated, chromatin is open and genes are potentially active | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | When histones are deacetylated, chromatin is condense and genes are potentially active | | / |
| <input type="radio"/> | When histones tagged, acetylated, the chromatin condenses and genes silenced | | / |
| <input type="radio"/> | When histones not tagged, deacetylated, the chromatin open and genes active | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 2 of 30 (Start time: 08:06:45 AM, 05 January 2021)

Total Marks: 1

How many numbers of heterozygotes genotypes will be produced from five numbers of gene specific alleles?

Not Sure

Select the correct option

- | | | | |
|----------------------------------|---------|--|---|
| <input type="radio"/> | Three | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Six | | / |
| <input type="radio"/> | Ten | | / |
| <input checked="" type="radio"/> | Fifteen | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 3 of 30 (Start time: 08:07:47 AM, 05 January 2021)

Total Marks: 1

In life forms with the ZZ-ZW chromosomal sex determination, the males have

Select the correct option

<input checked="" type="radio"/>	ZZ chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	WW chromosomes		/
<input type="radio"/>	ZW chromosomes		/
<input type="radio"/>	Either ZZ or ZW chromosomes		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 4 of 30 (Start time: 08:08:30 AM, 05 January 2021)

Total Marks: 1

Genes will be switched ON when

Select the correct option

<input checked="" type="radio"/>	Histones are acetylated	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Histones are deacetylated		/
<input type="radio"/>	Cytosines are methylated		/
<input type="radio"/>	Methionine are methylated		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 5 of 30 (Start time: 08:09:29 AM, 05 January 2021)

Total Marks: 1

Which one is first time observed by Flemming in 1882?

Select the correct option

<input type="radio"/>	Salivary gland chromosome	
<input checked="" type="radio"/>	Lampbrush chromosome	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Regulatory chromosome	
<input type="radio"/>	Giant chromosomes	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 6 of 30 (Start time: 08:10:02 AM, 05 January 2021)

Total Marks: 1

Chromatin fibers undergo folding, coiling and supercoiling during _____ so that the chromosomes become progressively thicker and smaller.

Select the correct option

<input type="radio"/>	Telophase	
<input type="radio"/>	Metaphase	
<input type="radio"/>	Anaphase	
<input checked="" type="radio"/>	Prophase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 7 of 30 (Start time: 08:10:33 AM, 05 January 2021)

Total Marks: 1

The genome length of prokaryotic chromosome is smallest in

Select the correct option

- | | | | |
|----------------------------------|---------------------|--|---|
| <input checked="" type="radio"/> | RNA viruses | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | DNA viruses | | / |
| <input type="radio"/> | RNA and DNA viruses | | / |
| <input type="radio"/> | Only dsDNA viruses | | / |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 8 of 30 (Start time: 08:11:09 AM, 05 January 2021)

Total Marks: 1

Chargaff's rules for DNA base pairing indicates that

Select the correct option

- | | | | |
|----------------------------------|-------------|--|---|
| <input type="radio"/> | A=C and G=T | / | |
| <input type="radio"/> | A=T and G=C | / | |
| <input type="radio"/> | A=G and C=T | / | |
| <input checked="" type="radio"/> | A+T=G+C | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 9 of 30 (Start time: 08:11:31 AM, 05 January 2021)

Total Marks: 1

Failure in which of the following phenomenon would result in linkage?

Select the correct option

<input type="radio"/>	Law of separation	
<input checked="" type="radio"/>	Law of independent assortment	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Law of segregation	
<input type="radio"/>	Law of dominance	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 10 of 30 (Start time: 08:13:05 AM, 05 January 2021)

Total Marks: 1

Cell splits into two

Select the correct option

<input type="radio"/>	Interphase	
<input type="radio"/>	Metaphase	
<input type="radio"/>	Telophase	
<input checked="" type="radio"/>	Cytokinesis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 11 of 30 (Start time: 08:13:52 AM, 05 January 2021)

Total Marks: 1

Skin color pigmentation in humans is controlled by at least _____ separately inherited genes.

Select the correct option

<input type="radio"/>	One	
<input type="radio"/>	Two	
<input checked="" type="radio"/>	Three	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Four	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 12 of 30 (Start time: 08:14:22 AM, 05 January 2021)

Total Marks: 1

Fruit colour of summer squash plant is an example of

Select the correct option

<input checked="" type="radio"/>	Dominant epistasis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Recessive epistasis	
<input type="radio"/>	Relative epistasis	
<input type="radio"/>	Multiple epistasis	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 13 of 30 (Start time: 08:14:58 AM, 05 January 2021)

Total Marks: 1

Formation of pluripotent cells from totipotent cells is called

Select the correct option

- Genomic imprinting
- Cellular differentiation **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- X-chromosome inactivation
- Cellular formation

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 14 of 30 (Start time: 08:15:46 AM, 05 January 2021)

Total Marks: 1

What type of segregation occurs when alleles at the two gene loci segregate together and are transmitted as a unit?

Select the correct option

- Dependent Segregation **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- Independent Segregation
- Either Dependent Segregation or Independent Segregation
- Neither Dependent Segregation nor Independent Segregation

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 15 of 30 (Start time: 08:17:26 AM, 05 January 2021)

Total Marks: 1

Fragile X syndrome is most commonly caused by a _____

Select the correct option

- | | | |
|----------------------------------|------------------------------------|--|
| <input type="radio"/> | CG dinucleotide repeat expansion | |
| <input type="radio"/> | GG dinucleotide repeat expansion | |
| <input checked="" type="radio"/> | CGG trinucleotide repeat expansion | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | GGG trinucleotide repeat expansion | |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 16 of 30 (Start time: 08:18:03 AM, 05 January 2021)

Total Marks: 1

Which one of following statement is not correct about Homologous Chromosome?

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | The chromosomes always move to the same location in the cell during division | |
| <input type="radio"/> | Pair of chromosomes that are similar in shape | |
| <input checked="" type="radio"/> | Pair of chromosomes that are similar in size | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Homologous pairs carry genes controlling the same inherited traits | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 17 of 30 (Start time: 08:19:32 AM, 05 January 2021)

Total Marks: 1

The tendency of two or more than two genes to stay together during inheritance is called

Select the correct option

<input type="radio"/>	Genetics	
<input type="radio"/>	Gene interaction	
<input type="radio"/>	Crossing over	
<input checked="" type="radio"/>	Linkage	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 18 of 30 (Start time: 08:20:40 AM, 05 January 2021)

Total Marks: 1

How many numbers of alleles can generate 3 genotypes?

Select the correct option

<input checked="" type="radio"/>	Genes with 2 alleles	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Genes with 3 alleles	
<input type="radio"/>	Genes with 4 alleles	
<input type="radio"/>	Genes with 5 alleles	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:05 AM, 05 January 2021

Question # 19 of 30 (Start time: 08:21:13 AM, 05 January 2021)

Total Marks: 1

Group of adjacent nucleotides are joined by

Select the correct option

<input checked="" type="radio"/>	Phosphodiester bond	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Peptide bond		/
<input type="radio"/>	Ionic bond		/
<input type="radio"/>	Covalent bond		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:05 AM, 05 January 2021

Question # 20 of 30 (Start time: 08:21:26 AM, 05 January 2021)

Total Marks: 1

Which is correct about the comb shape in chickens?

Select the correct option

<input type="radio"/>	Two different comb shapes is controlled by two genes found on two same chromosomes	/
<input type="radio"/>	Two different comb shapes is controlled by one gene found on one chromosomes	/
<input checked="" type="radio"/>	Four different comb shapes is controlled by two genes found on two different chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Four different comb shapes is controlled by one gene found on two different chromosomes	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 21 of 30 (Start time: 08:22:10 AM, 05 January 2021)

Total Marks: 1

_____ occurs when one mutation has the opposite effect when in the presence of another mutation.

Select the correct option

- | | | |
|----------------------------------|----------------------|--|
| <input type="radio"/> | Positive epistasis | |
| <input type="radio"/> | Negative epistasis | |
| <input checked="" type="radio"/> | Sign epistasis | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Reciprocal epistasis | |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 8:22 AM on 1/5/2021.

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 22 of 30 (Start time: 08:22:48 AM, 05 January 2021)

Total Marks: 1

A cell with 10 chromosomes undergoes mitosis. How many daughter cells are created? ____ Each daughter cell has ____ chromosomes.

Select the correct option

- | | | |
|----------------------------------|-------|--|
| <input checked="" type="radio"/> | 2, 10 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 10, 2 | |
| <input type="radio"/> | 1, 10 | |
| <input type="radio"/> | 2, 20 | |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system tray shows the time as 8:23 AM on 1/5/2021.

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 23 of 30 (Start time: 08:23:14 AM, 05 January 2021)

Total Marks: 1

Suppose that the distance between two genes on a linkage map is 7 units. The cross-over frequency between the two genes is

Select the correct option

<input type="radio"/>	0.7%	
<input checked="" type="radio"/>	7%	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	70%	
<input type="radio"/>	700%	

Click to Save Answer & Move to Next Question

8:24 AM 1/5/2021

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 24 of 30 (Start time: 08:25:03 AM, 05 January 2021)

Total Marks: 1

Which one is not regulate gene expression?

Select the correct option

<input type="radio"/>	Cytosine methylation	
<input type="radio"/>	Histones modification	
<input type="radio"/>	Non-coding RNAs (siRNAs)	
<input checked="" type="radio"/>	Nucleotide modification	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

8:25 AM 1/5/2021

WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 25 of 30 (Start time: 08:26:01 AM, 05 January 2021)

Total Marks: 1

During recessive epistasis, _____ gene exerts its affect with _____ genotype

Select the correct option

<input checked="" type="radio"/>	Epistatic, homozygous recessive	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Hypostatic, homozygous recessive		/
<input type="radio"/>	Epistatic, homozygous dominant		/
<input type="radio"/>	Hypostatic, heterozygous recessive		/

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 26 of 30 (Start time: 08:26:58 AM, 05 January 2021)

Total Marks: 1

Stage of prophase at which nuclear membrane dissolves...

Select the correct option

<input type="radio"/>	Stage 1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input checked="" type="radio"/>	Stage 2		/
<input type="radio"/>	Stage 3		/
<input type="radio"/>	Stage 4		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:05 AM, 05 January 2021

Question # 27 of 30 (Start time: 08:28:00 AM, 05 January 2021)

Total Marks: 1

Name the organism whose first genetic map was made?

Select the correct option

<input type="radio"/>	Ret	
<input type="radio"/>	Arabidopsis	
<input type="radio"/>	Fly	
<input checked="" type="radio"/>	Drosophila	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)
Quiz Start Time: 08:05 AM, 05 January 2021

Question # 28 of 30 (Start time: 08:29:04 AM, 05 January 2021)

Total Marks: 1

Histone modifications are cause of

Select the correct option

<input type="radio"/>	Epistasis	
<input checked="" type="radio"/>	Epigenetics	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Multiple alleles	
<input type="radio"/>	Polymorphism	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 29 of 30 (Start time: 08:29:43 AM, 05 January 2021)

Total Marks: 1

Which statement is not correct about recessive epistasis in pigeons?

Select the correct option

<input type="radio"/>	Recessive red is epistatic to spread color	
<input type="radio"/>	Recessive red is epistatic to pattern	
<input type="radio"/>	Spread is epistatic to pattern	
<input checked="" type="radio"/>	Pattern is epistatic to spread color	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)



BIO301:Grand Quiz

Quiz Start Time: 08:05 AM, 05 January 2021

Question # 30 of 30 (Start time: 08:31:19 AM, 05 January 2021)

Total Marks: 1

Haploid gametes are formed by

Select the correct option

<input type="radio"/>	Mitosis	
<input checked="" type="radio"/>	Meiosis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Amitosis	
<input type="radio"/>	Fission	

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO 301 Quiz no 1 Fall 2020

BIO301:ONLINE Quiz # 01

1:35 AM
08-Dec-20
sec(s)
Quiz Start Time: 01:35 AM, 08 December 2020

Question # 1 of 6 (Start time: 01:35:25 AM, 08 December 2020)

Total Marks: 1

How many numbers of gene are present in yeast?

Select the correct option

- | | | |
|----------------------------------|--------|--|
| <input type="radio"/> | 3,800 | |
| <input checked="" type="radio"/> | 5,800 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | 13,800 | |
| <input type="radio"/> | 45,800 | |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

1:35 AM
08-Dec-20
sec(s)
Quiz Start Time: 01:35 AM, 08 December 2020

Question # 2 of 6 (Start time: 01:36:01 AM, 08 December 2020)

Total Marks: 1

Nuclear DNA replicates in the _____ phase.

Select the correct option

- | | | |
|----------------------------------|----------|--|
| <input type="radio"/> | G1 phase | |
| <input type="radio"/> | G2 phase | |
| <input checked="" type="radio"/> | S phase | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | M phase | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:35 AM, 08 December 2020

Question # 3 of 6 (Start time: 01:37:25 AM, 08 December 2020)

Total Marks: 1

G0 phase is.....

Select the correct option

- | | | |
|----------------------------------|--------------------|---|
| <input type="radio"/> | Pre-mitotic phase | |
| <input checked="" type="radio"/> | Post-mitotic phase | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Resting phase | |
| <input type="radio"/> | Interphase | |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:35 AM, 08 December 2020

Question # 4 of 6 (Start time: 01:38:04 AM, 08 December 2020)

Total Marks: 1

The type of cell division important for growth is

Select the correct option

- | | | |
|----------------------------------|----------|---|
| <input checked="" type="radio"/> | Mitosis | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Meiosis | |
| <input type="radio"/> | Amitosis | |
| <input type="radio"/> | Fission | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:35 AM, 08 December 2020

Question # 5 of 6 (Start time: 01:38:45 AM, 08 December 2020)

Total Marks: 1

The region where two sister chromatids of a chromosome joined or "held together" during mitotic metaphase is called _____

Select the correct option

<input type="radio"/>	Telomeres	
<input checked="" type="radio"/>	Centromere	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	p-arms	
<input type="radio"/>	q-arms	

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:35 AM, 08 December 2020

Question # 6 of 6 (Start time: 01:39:21 AM, 08 December 2020)

Total Marks: 1

Which of the following organisms have 16 chromosomes?

Select the correct option

<input checked="" type="radio"/>	Onion and Mold	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	Rice and Maize	
<input type="radio"/>	Tomato and Tobacco	
<input type="radio"/>	Carrot and Onion	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:47 AM, 08 December 2020

Question # 1 of 6 (Start time: 01:47:15 AM, 08 December 2020)

Total Marks: 1

In humans, _____ of somatic cells

Select the correct option

- ~ 20 types
- ~ 120 types
- ~ 220 types
- ~ 420 types

Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:47 AM, 08 December 2020

Question # 2 of 6 (Start time: 01:47:58 AM, 08 December 2020)

Total Marks: 1

Which one of following statement is correct about homologous chromosomes in human cell?

Select the correct option

- Male cells have 22 pairs of homologous and one pair of non-homologous chromosomes
- Male cells have 23 pairs of homologous and one pair of non-homologous chromosomes
- Female cells have 22 pairs of homologous and one pair of non-homologous chromosomes
- Female cells have 23 pairs of homologous and one pair of non-homologous chromosomes

Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:47 AM, 08 December 2020

Question # 3 of 6 (Start time: 01:48:18 AM, 08 December 2020)

Total Marks: 1

During the summer, the arctic fox produces enzymes that cause its fur to become reddish brown. During the winter, these enzymes do not function. As a result, the fox has a white coat that blends into the snowy background. This change in fur color shows that:

Select the correct option

- | | | |
|----------------------------------|--|---|
| <input checked="" type="radio"/> | The expression of certain genes is affected by temperature | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Random alteration of DNA can occur on certain chromosomes | |
| <input type="radio"/> | The genes of a fox are made of unstable DNA | |
| <input type="radio"/> | Mutations can be caused by temperature extremes | |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:47 AM, 08 December 2020

Question # 4 of 6 (Start time: 01:49:15 AM, 08 December 2020)

Total Marks: 1

Group of adjacent nucleotides are joined by

Select the correct option

- | | | |
|----------------------------------|---------------------|---|
| <input checked="" type="radio"/> | Phosphodiester bond | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Peptide bond | |
| <input type="radio"/> | Ionic bond | |
| <input type="radio"/> | Covalent bond | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:47 AM, 08 December 2020

Question # 5 of 6 (Start time: 01:50:10 AM, 08 December 2020)

Total Marks: 1

Kinetochores are formed at

Select the correct option

- | | | |
|----------------------------------|-------------------|---|
| <input type="radio"/> | Telomeres | |
| <input type="radio"/> | Sister chromatids | |
| <input checked="" type="radio"/> | Centromeres | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Chromatid | |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 01:47 AM, 08 December 2020

Question # 6 of 6 (Start time: 01:52:06 AM, 08 December 2020)

Total Marks: 1

For high resolution chromosome analysis, which stage of the cell cycle are cells arrested before staining?

Select the correct option

- | | | |
|----------------------------------|-----------|---|
| <input checked="" type="radio"/> | Prophase | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Anaphase | |
| <input type="radio"/> | Metaphase | |
| <input type="radio"/> | Telophase | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:06 AM, 08 December 2020

Question # 1 of 6 (Start time: 01:06:10 AM, 08 December 2020)

Total Marks: 1

Which type of genetics deals with movement of genes and genetic traits from parents to offspring?

Select the correct option

- | | | |
|----------------------------------|-----------------------|---|
| <input type="radio"/> | Population genetics | |
| <input type="radio"/> | Quantitative genetics | |
| <input type="radio"/> | Molecular genetics | |
| <input checked="" type="radio"/> | Transmission genetics | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |

[Click to Save Answer & Move to Next Question](#)



BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:06 AM, 08 December 2020

Question # 2 of 6 (Start time: 01:07:41 AM, 08 December 2020)

Total Marks: 1

Which one of following statement is correct about homologous chromosomes in human cell?

Select the correct option

- | | | |
|----------------------------------|---|---|
| <input checked="" type="radio"/> | Male cells have 22 pairs of homologous and one pair of non-homologous chromosomes | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| <input type="radio"/> | Male cells have 23 pairs of homologous and one pair of non-homologous chromosomes | |
| <input type="radio"/> | Female cells have 22 pairs of homologous and one pair of non-homologous chromosomes | |
| <input type="radio"/> | Female cells have 23 pairs of homologous and one pair of non-homologous chromosomes | |

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:06 AM, 08 December 2020

Question # 3 of 6 (Start time: 01:09:36 AM, 08 December 2020)

Total Marks: 1

The chromosome numbers can be counted easily only during _____

Select the correct option

<input checked="" type="radio"/>	Mitotic metaphase	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com	/
<input type="radio"/>	Mitotic anaphase		/
<input type="radio"/>	Mitotic prophase		/
<input type="radio"/>	Mitotic telophase		/

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:06 AM, 08 December 2020

Question # 4 of 6 (Start time: 01:10:28 AM, 08 December 2020)

Total Marks: 1

Which one of following is show the pleiotropic effects in humans?

Select the correct option

<input type="radio"/>	Sickle cell anemia	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com	/
<input type="radio"/>	Cystic fibrosis		/
<input type="radio"/>	Huntington disease		/
<input checked="" type="radio"/>	All of the given		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:06 AM, 08 December 2020

Question # 5 of 6 (Start time: 01:11:29 AM, 08 December 2020)

Total Marks: 1

Meiosis results in _____

Select the correct option

- 2 haploid daughter cells
- 4 diploid daughter cells
- 2 diploid daughter cells
- 4 haploid daughter cells

Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 01:06 AM, 08 December 2020

Question # 6 of 6 (Start time: 01:12:35 AM, 08 December 2020)

Total Marks: 1

In life forms with the ZZ-ZW chromosomal sex determination, the males have

Select the correct option

- ZZ chromosomes
- WW chromosomes
- ZW chromosomes
- Either ZZ or ZW chromosomes

Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

TIME LEFT: sec(s)
Quiz Start Time: 10:26 AM, 08 December 2020

Question # 1 of 6 (Start time: 10:26:29 AM, 08 December 2020)

Total Marks: 1

The molecular weight of the histone protein H1 is

Select the correct option

- | | | | |
|----------------------------------|--------|---|---|
| <input checked="" type="radio"/> | 22,500 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com | / |
| <input type="radio"/> | 11,236 | | / |
| <input type="radio"/> | 13,774 | | / |
| <input type="radio"/> | 13,960 | | / |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

TIME LEFT: sec(s)
Quiz Start Time: 10:26 AM, 08 December 2020

Question # 2 of 6 (Start time: 10:28:01 AM, 08 December 2020)

Total Marks: 1

Which one is first time observed by Flemming in 1882?

Select the correct option

- | | | | |
|----------------------------------|---------------------------|---|---|
| <input type="radio"/> | Salivary gland chromosome | | / |
| <input checked="" type="radio"/> | Lampbrush chromosome | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com | / |
| <input type="radio"/> | Regulatory chromosome | | / |
| <input type="radio"/> | Giant chromosomes | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:26 AM, 08 December 2020

Question # 3 of 6 (Start time: 10:28:41 AM, 08 December 2020)

Total Marks: 1

The diameter of DNA double helix is

Select the correct option

- | | | | |
|----------------------------------|--------|---|---|
| <input checked="" type="radio"/> | 2 nm | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com | / |
| <input type="radio"/> | 11 nm | | / |
| <input type="radio"/> | 30 nm | | / |
| <input type="radio"/> | 300 nm | | / |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:26 AM, 08 December 2020

Question # 4 of 6 (Start time: 10:29:47 AM, 08 December 2020)

Total Marks: 1

In which of the cats the pattern observed in coat colour is due to environmental effect?

Select the correct option

- | | | | |
|----------------------------------|----------------|---|---|
| <input type="radio"/> | Tortoise shell | / | |
| <input type="radio"/> | Calico | / | |
| <input checked="" type="radio"/> | Siamese | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com | / |
| <input type="radio"/> | Bob | | / |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:26 AM, 08 December 2020

Question # 5 of 6 (Start time: 10:30:55 AM, 08 December 2020)

Total Marks: 1

Which one of the following have chromosome number from 8 - 16 and their most common number is 12?

Select the correct option

<input type="radio"/>	Fungi	
<input checked="" type="radio"/>	Angiosperms	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	Round worm	
<input type="radio"/>	Protozoa	

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:26 AM, 08 December 2020

Question # 6 of 6 (Start time: 10:31:41 AM, 08 December 2020)

Total Marks: 1

Group of adjacent nucleotides are joined by

Select the correct option

<input checked="" type="radio"/>	Phosphodiester bond	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	Peptide bond	
<input type="radio"/>	Ionic bond	
<input type="radio"/>	Covalent bond	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:07 PM, 08 December 2020

Question # 1 of 6 (Start time: 09:07:37 PM, 08 December 2020)

Total Marks: 1

According to _____, genetic material of the parents mixes during fertilization.

Select the correct option

- Particulate hypothesis
- Blending hypothesis
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Either blending hypothesis or Particulate hypothesis
- Neither blending hypothesis nor Particulate hypothesis

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:07 PM, 08 December 2020

Question # 2 of 6 (Start time: 09:08:30 PM, 08 December 2020)

Total Marks: 1

The correct sequence of Meiosis I prophase stages is

Select the correct option

- Leptotene, zygotene, pachytene, diplotene, diakinesis
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Leptotene, diplotene, zygotene, pachytene, diakinesis
- Leptotene, pachytene, diplotene, zygotene, diakinesis
- Leptotene, diplotene, pachytene, zygotene, diakinesis

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 09:07 PM, 08 December 2020

Question # 3 of 6 (Start time: 09:09:13 PM, 08 December 2020)

Total Marks: 1

Stage of prophase at which nuclear membrane dissolves...

Select the correct option

- | | | |
|----------------------------------|---------|--|
| <input type="radio"/> | Stage 1 | |
| <input type="radio"/> | Stage 2 | |
| <input type="radio"/> | Stage 3 | |
| <input checked="" type="radio"/> | Stage 4 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

[Click to Save Answer & Move to Next Question](#)



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 09:07 PM, 08 December 2020

Question # 4 of 6 (Start time: 09:10:54 PM, 08 December 2020)

Total Marks: 1

When a cell divides, what do we call the 2 new cells?

Select the correct option

- | | | |
|----------------------------------|----------------|--|
| <input type="radio"/> | Mother cells | |
| <input type="radio"/> | Father cells | |
| <input checked="" type="radio"/> | Daughter cells | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Son cells | |

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:07 PM, 08 December 2020

Question # 5 of 6 (Start time: 09:11:17 PM, 08 December 2020)

Total Marks: 1

During anaphase of mitosis, _____ push against each other, that stretches the cell into an oval shape.

Select the correct option

- | | | |
|----------------------------------|-------------------------------|--|
| <input type="radio"/> | Kinetochorespindle fibers | |
| <input checked="" type="radio"/> | Non-kinetochorespindle fibers | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Poles | |
| <input type="radio"/> | Microtubule centers | |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:07 PM, 08 December 2020

Question # 6 of 6 (Start time: 09:11:58 PM, 08 December 2020)

Total Marks: 1

A DNA polymorphism is _____ of a population.

Select the correct option

- | | | |
|----------------------------------|------|--|
| <input checked="" type="radio"/> | 1-2% | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 2-3% | |
| <input type="radio"/> | 3-4% | |
| <input type="radio"/> | 4-5% | |

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:38 PM, 08 December 2020

Question # 1 of 6 (Start time: 09:38:04 PM, 08 December 2020)

Total Marks: 1

Which one of following statement is not correct about Homologous Chromosome?

Select the correct option

- | | | | |
|----------------------------------|--|--|----|
| <input checked="" type="radio"/> | The chromosomes always move to the same location in the cell during division | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | Pair of chromosomes that are similar in shape | | // |
| <input type="radio"/> | Pair of chromosomes that are similar in size | | // |
| <input type="radio"/> | Homologous pairs carry genes controlling the same inherited traits | | // |

[Click to Save Answer & Move to Next Question](#)



BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:38 PM, 08 December 2020

Question # 2 of 6 (Start time: 09:39:37 PM, 08 December 2020)

Total Marks: 1

Generally, karyotypes represent by arranging in the _____ order of size keeping their centromere in a _____.

Select the correct option

- | | | | |
|----------------------------------|---------------------------|--|----|
| <input type="radio"/> | Ascending, vertical line | | // |
| <input checked="" type="radio"/> | Descending, straight line | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | Ascending, straight line | | // |
| <input type="radio"/> | Descending, vertical line | | // |

[Click to Save Answer & Move to Next Question](#)



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:38 PM, 08 December 2020

Question # 3 of 6 (Start time: 09:40:20 PM, 08 December 2020)

Total Marks: 1

What is the other name of a polytene chromosome?

Select the correct option

<input checked="" type="radio"/>	Salivary gland chromosome	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Lampbrush chromosome		
<input type="radio"/>	Regulatory chromosome		
<input type="radio"/>	Ribonucleoprotein		

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:38 PM, 08 December 2020

Question # 4 of 6 (Start time: 09:41:19 PM, 08 December 2020)

Total Marks: 1

In an experiment you attach an ice pack on the chest of the Himalayan rabbit for several days. What will you expect to see?

Select the correct option

<input type="radio"/>	The heart will beat slower	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	The rabbit will die		
<input type="radio"/>	Sweat glands from that area will degenerate		
<input checked="" type="radio"/>	The coat color of that area will be darker		

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:38 PM, 08 December 2020

Question # 5 of 6 (Start time: 09:41:58 PM, 08 December 2020)

Total Marks: 1

In life forms with the ZZ-ZW chromosomal sex determination, the females are

Select the correct option

<input type="radio"/>	Homogametic	
<input checked="" type="radio"/>	Heterogametic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Microgametic	
<input type="radio"/>	Monoecious	

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 09:38 PM, 08 December 2020

Question # 6 of 6 (Start time: 09:42:59 PM, 08 December 2020)

Total Marks: 1

The region where two sister chromatids of a chromosome joined or "held together" during mitotic metaphase is called _____

Select the correct option

<input type="radio"/>	Telomeres	
<input checked="" type="radio"/>	Centromere	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	p-arms	
<input type="radio"/>	q-arms	

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:35 AM, 08 December 2020

Question # 1 of 6 (Start time: 10:35:54 AM, 08 December 2020)

Total Marks: 1

Which one following histone protein has high molecular weight, greater number of amino acid and high percentage of lysine and arginine?

Select the correct option

<input checked="" type="radio"/>	H1	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com	/
<input type="radio"/>	H2A		/
<input type="radio"/>	H3		/
<input type="radio"/>	H4		/

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:35 AM, 08 December 2020

Question # 2 of 6 (Start time: 10:37:30 AM, 08 December 2020)

Total Marks: 1

Which of the following is true about phosphodiester linkage?

Select the correct option

<input checked="" type="radio"/>	5'-phosphate group of one nucleotide unit is joined to the 3'-hydroxyl group of the next nucleotide	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com	/
<input type="radio"/>	3'-phosphate group of one nucleotide unit is joined to the 5'-hydroxyl group of the next nucleotide		/
<input type="radio"/>	5'-phosphate group of one nucleotide unit is joined to the 5'-hydroxyl group of the next nucleotide		/
<input type="radio"/>	3'-phosphate group of one nucleotide unit is joined to the 3'-hydroxyl group of the next nucleotide		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

Quiz Start Time: 10:35 AM, 08 December 2020

Question # 3 of 6 (Start time: 10:38:47 AM, 08 December 2020)

Total Marks: 1

The sugar molecule in a nucleotide is

Select the correct option

<input checked="" type="radio"/>	Pentose	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com	/
<input type="radio"/>	Hexose		/
<input type="radio"/>	Tetrose		/
<input type="radio"/>	Triose		/

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

Quiz Start Time: 10:35 AM, 08 December 2020

Question # 4 of 6 (Start time: 10:39:03 AM, 08 December 2020)

Total Marks: 1

The two duplicated homologues separate during the anaphase stage of _____

Select the correct option

<input checked="" type="radio"/>	Meiosis I	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com	/
<input type="radio"/>	Meiosis II		/
<input type="radio"/>	Mitosis		/
<input type="radio"/>	All of the mentioned		/

Click to Save Answer & Move to Next Question



WU Medical Zone

BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:35 AM, 08 December 2020

Question # 5 of 6 (Start time: 10:40:04 AM, 08 December 2020)

Total Marks: 1

The diameter of condensed scaffold associated chromatin is

Select the correct option

<input type="radio"/>	11 nm	
<input type="radio"/>	30 nm	
<input type="radio"/>	300 nm	
<input checked="" type="radio"/>	700 nm	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com

 Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

sec(s)
Quiz Start Time: 10:35 AM, 08 December 2020

Question # 6 of 6 (Start time: 10:41:34 AM, 08 December 2020)

Total Marks: 1

Which type of genetics deals with movement of genes and genetic traits from parents to offspring?

Select the correct option

<input type="radio"/>	Population genetics	
<input type="radio"/>	Quantitative genetics	
<input type="radio"/>	Molecular genetics	
<input checked="" type="radio"/>	Transmission genetics	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com

 Click to Save Answer & Move to Next Question

