

# VU Medical Zone

## BIO 301 Grand Quiz Fall 2020

BIO301:Grand Quiz

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

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

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

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

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

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# WU Medical Zone

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

Click to Save Answer & Move to Next Question



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

Click to Save Answer & Move to Next Question



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# WU Medical Zone

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

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

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

<input type="radio"/>	Undergo coiling	
<input checked="" type="radio"/>	Line up at the equator	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Chromosomes condense and become visible	
<input type="radio"/>	Break the nuclear envelope	

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

<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: 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 F<sub>2</sub> 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	

Click to Save Answer & Move to Next Question



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# WU Medical Zone

BIO301:Grand Quiz

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

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

Click to Save Answer & Move to Next Question



# WU Medical Zone

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	

Click to Save Answer & Move to Next Question



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	

Click to Save Answer & Move to Next Question



# WU Medical Zone

BIO301:Grand Quiz

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

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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# WU Medical Zone

BIO301:Grand Quiz

sec(s)  
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



BIO301:Grand Quiz

sec(s)  
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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# WU Medical Zone

BIO301:Grand Quiz

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

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

sec(s)  
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

Click to Save Answer & Move to Next Question





# WU Medical Zone

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

<input type="radio"/>	The some genes are far apart on the genetic map, but close together on the physical map of the chromosome	/
<input type="radio"/>	The some genes are far apart on the genetic map and also are far apart on the physical map of the chromosome	/
<input checked="" type="radio"/>	The some genes are close together on the genetic map and also are close together on the physical map of the chromosome	/
<input type="radio"/>	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

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

Click to Save Answer & Move to Next Question



# WU Medical Zone

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	<b>Answer solved by Amaan Khan</b> 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

Windows taskbar showing icons for Internet Explorer, File Explorer, VLC, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 12:09 PM on 1/5/2021.

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

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, VLC, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 12:10 PM on 1/5/2021.

# WU Medical Zone

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

<input type="radio"/>	2 haploid daughter cells	
<input type="radio"/>	4 diploid daughter cells	
<input type="radio"/>	2 diploid daughter cells	
<input checked="" type="radio"/>	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

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

Click to Save Answer & Move to Next Question



# WU Medical Zone

BIO301:Grand Quiz

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

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

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

<input type="radio"/>	Desmosomes	
<input type="radio"/>	Kinetochores	
<input checked="" type="radio"/>	Chiasmata	
<input type="radio"/>	Centromeres	

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 # 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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 # 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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



Effort By Amaan Khan

# WU Medical Zone

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

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:16 PM on 1/5/2021.

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

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:17 PM on 1/5/2021.



# VU Medical Zone

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

Click to Save Answer & Move to Next Question



**Effort By Amaan Khan**

# 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

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# 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



# WU Medical Zone

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



# WU Medical Zone

BIO301:Grand Quiz

sec(s)  
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



Effort By Amaan Khan

# 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

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



**Effort By Amaan Khan**

# 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



Effort By Amaan Khan



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

Click to Save Answer & Move to Next Question



# WU Medical Zone

BIO301:Grand Quiz

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

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

Click to Save Answer & Move to Next Question



**Effort By Amaan Khan**

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

Click to Save Answer & Move to Next Question



**Effort By Amaan Khan**

# 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

sec(s)  
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

- |                                  |  |   |
|----------------------------------|--|---|
| <input type="radio"/>            | The nuclear membrane breaks apart and the spindle interacts with the chromosomes |   |
| <input checked="" type="radio"/> | Chromosomes condense and become visible  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Chromosomes duplicate and remain attached  |   |
| <input type="radio"/>            | Chromosomes align in the middle of the spindle                                   |   |

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)  
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

- |                                  |                     |   |
|----------------------------------|---------------------|---|
| <input checked="" type="radio"/> | Crossing-over       | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Chiasmata formation |   |
| <input type="radio"/>            | Metaphase plate     |   |
| <input type="radio"/>            | Synapse             |   |

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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

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 # 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



Effort By Amaan Khan

# 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

sec(s)  
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



BIO301:Grand Quiz

sec(s)  
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



# 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



Effort By Amaan Khan



# 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



Effort By Amaan Khan

# 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  $\mu$  and up to 10  $\mu$  in diameter.

Select the correct option

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



**Effort By Amaan Khan**

# WU Medical Zone

BIO301:Grand Quiz

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

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



Effort By Amaan Khan

# 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

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 9:51 AM on 1/5/2021.

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

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 9:52 AM on 1/5/2021.

Effort By Amaan Khan

# 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

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

<input type="radio"/>	Starting from the approximate location of the gene, to finding the gene itself	
<input checked="" type="radio"/>	Starting at the phenotype, determining which protein was involved and then getting to the gene through the protein	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Translating it to learn about the protein and its function	
<input type="radio"/>	Positional cloning or reverse genetics	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

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

<input checked="" type="radio"/>	Make random clones→ Sequence each clone→ Overlap sequence reads→ Overlap contigs for complete sequence	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Overlap contigs for complete sequence → Sequence each clone →Make random clones→ Overlap sequence reads	
<input type="radio"/>	Sequence each clone→ Overlap sequence reads→ Overlap contigs for complete sequence→ Make random clones	
<input type="radio"/>	Overlap sequence reads→ Overlap contigs for complete sequence→ Sequence each clone→ Make random clones	

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



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



Effort By Amaan Khan

# 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	/
<input type="radio"/>	Four different comb shapes is controlled by one gene found on two different 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:Grand Quiz

sec(s)  
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



BIO301:Grand Quiz

sec(s)  
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





# 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	/
<input 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: 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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

sec(s)  
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

sec(s)  
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

sec(s)  
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	/
<input type="radio"/>	Telophase plate	/
<input type="radio"/>	Anaphase plate	/
<input type="radio"/>	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: 11:29 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

<input type="radio"/>	10, one	
<input type="radio"/>	20, two	
<input type="radio"/>	25, three	
<input checked="" type="radio"/>	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

<input type="radio"/>	2	
<input type="radio"/>	3	
<input checked="" type="radio"/>	4	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	5	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# WU Medical Zone

BIO301:Grand Quiz

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

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



Effort By Amaan Khan



# 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

<input type="radio"/>	Kinetochore spindle fibers	
<input checked="" type="radio"/>	Non-kinetochore spindle 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: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

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

Windows taskbar showing icons for Google Chrome, File Explorer, and other applications. The system clock shows 11:38 AM on 1/5/2021.

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

Windows taskbar showing icons for Google Chrome, File Explorer, and other applications. The system clock shows 11:38 AM on 1/5/2021.

# WU Medical Zone

BIO301:Grand Quiz

sec(s)  
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

<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: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

<input type="radio"/>	Carrier female mates normal male, 100% chance that each daughter will be a carrier; 50% chance that each son will have the disorder	/
<input type="radio"/>	Carrier female mates normal male, 25% chance that each daughter will be a carrier; 50% chance that each son will have the disorder	/
<input type="radio"/>	Carrier female mates normal male, 50% chance that each daughter will be a carrier; 25% chance that each son will have the disorder	/
<input checked="" type="radio"/>	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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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

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

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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> 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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> 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



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



# 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	<b>Answer solved by Amaan Khan</b> 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 Google Chrome, File Explorer, and other applications. The active window is titled "Quiz - Google Chr...". The system clock shows 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	<b>Answer solved by Amaan Khan</b> 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 Google Chrome, File Explorer, and other applications. The active window is titled "Quiz - Google Chr...". The system clock shows 11:10 AM on 1/5/2021.

Effort By Amaan Khan

# 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

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

Click to Save Answer & Move to Next Question



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

Click to Save Answer & Move to Next Question



# 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

<input type="radio"/>	Human	/
<input type="radio"/>	Dog	/
<input type="radio"/>	Goldfish	/
<input checked="" type="radio"/>	Horse tail	/

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

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

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	<b>Answer solved by Amaan Khan</b> 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



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	<b>Answer solved by Amaan Khan</b> 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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	70% genes in humans are di-allelic and many are poly-allelic	

Click to Save Answer & Move to Next Question



# 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	
<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



**Effort By Amaan Khan**

# 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

<input type="radio"/>	orders genes on a chromosome based on recombination frequencies	/
<input type="radio"/>	can only be constructed for sex chromosomes	/
<input type="radio"/>	orders genes on a chromosome based on their location with respect to a stained band	/
<input checked="" type="radio"/>	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

<input type="radio"/>	Pre-mitotic phase	/
<input checked="" type="radio"/>	Post-mitotic phase	/
<input type="radio"/>	Resting phase	/
<input type="radio"/>	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



Effort By Amaan Khan

# 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



Effort By Amaan Khan

# 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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> 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



BIO301:Grand Quiz

sec(s)  
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	
<input checked="" type="radio"/>	Semi-conservative	<b>Answer solved by Amaan Khan</b> 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





# WU Medical Zone

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

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



Effort By Amaan Khan

# 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	<b>Answer solved by Amaan Khan</b> 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	<b>Answer solved by Amaan Khan</b> 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

- |                                  |  |   |
|----------------------------------|--|---|
| <input type="radio"/>            | diploid egg + diploid sperm --> haploid zygote --> mitosis --> haploid adult --> meiosis --> diploid gametes |   |
| <input type="radio"/>            | diploid egg + diploid sperm --> haploid zygote --> meiosis --> haploid adult --> mitosis --> diploid gametes |   |
| <input checked="" type="radio"/> | haploid egg + haploid sperm --> diploid zygote --> mitosis --> diploid adult --> meiosis --> haploid gametes | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | haploid egg + haploid sperm --> diploid zygote --> meiosis --> diploid adult --> mitosis --> haploid gametes |   |

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

- |                                  |             |   |
|----------------------------------|-------------|---|
| <input type="radio"/>            | Histones    |   |
| <input type="radio"/>            | Amino acids |   |
| <input type="radio"/>            | Nucleosides |   |
| <input checked="" type="radio"/> | Nucleotides | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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

<input type="radio"/>	It can be due to influence of genetic makeup only	/
<input type="radio"/>	It can be due to influence of environment factors	/
<input type="radio"/>	It can be due to influence of genetic makeup or environment factors	/
<input checked="" type="radio"/>	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

<input checked="" type="radio"/>	Metaphase plate	/
<input type="radio"/>	Telophase plate	/
<input type="radio"/>	Anaphase plate	/
<input type="radio"/>	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

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

<input type="radio"/>	The gene for a particular inherited character resides at a specific locus on non-homologous chromosome	/
<input type="radio"/>	The gene for a particular inherited character resides at a specific locus on either homologous or non-homologous chromosome	/
<input checked="" type="radio"/>	The gene for a particular inherited character resides at a specific locus on homologous chromosome	/
<input type="radio"/>	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

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

<input checked="" type="radio"/>	Genetic mapping	/
<input type="radio"/>	Physical mapping	/
<input type="radio"/>	Top-down mapping	/
<input type="radio"/>	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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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

<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



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

<input type="radio"/>	50	/
<input type="radio"/>	500	/
<input checked="" type="radio"/>	5000	/
<input type="radio"/>	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	<b>Answer solved by Amaan Khan</b> 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	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	presence of both antigen A and antigen B	
<input checked="" type="radio"/>	absence of both antigen A and antigen B	
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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

sec(s)  
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

sec(s)  
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	/
<input type="radio"/>	B-DNA	/
<input type="radio"/>	C-DNA	/
<input type="radio"/>	Z-DNA	/

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 # 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



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



# WU Medical Zone

BIO301:Grand Quiz

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

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

Click to Save Answer & Move to Next Question





# WU Medical Zone

BIO301:Grand Quiz

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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	Four	
<input type="radio"/>	Six	
<input type="radio"/>	Eight	

Click to Save Answer & Move to Next Question



BIO301:Grand Quiz

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

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# 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	<b>Answer solved by Amaan Khan</b> 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	<b>Answer solved by Amaan Khan</b> 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



Effort By Amaan Khan

# 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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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
<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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> 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	<b>Answer solved by Amaan Khan</b> Contact: 0305-4716616 Email: maniamaan2@gmail.com
<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	

Click to Save Answer & Move to Next Question



# WU Medical Zone

BIO301:Grand Quiz

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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> 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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> 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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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

sec(s)  
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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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



Effort By Amaan Khan

# 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input type="radio"/>	A=T and G=C	
<input type="radio"/>	A=G and C=T	
<input checked="" type="radio"/>	A+T=G+C	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# WU Medical Zone

BIO301:Grand Quiz

sec(s)  
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

sec(s)  
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



Effort By Amaan Khan

# 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

<input type="radio"/>	Genomic imprinting	
<input checked="" type="radio"/>	Cellular differentiation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	X-chromosome inactivation	
<input type="radio"/>	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

<input checked="" type="radio"/>	Dependent Segregation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Independent Segregation	
<input type="radio"/>	Either Dependent Segregation or Independent Segregation	
<input type="radio"/>	Neither Dependent Segregation nor Independent Segregation	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

# 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>	/
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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



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



# 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



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





# 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	<b>Answer solved by Amaan Khan</b> 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	
<input checked="" type="radio"/>	Stage 2	<b>Answer solved by Amaan Khan</b> 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



# 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"/>	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



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

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

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



# VU 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

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

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

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

- |                                  |             |   |
|----------------------------------|-------------|---|
| <input type="radio"/>            | ~ 20 types  |   |
| <input type="radio"/>            | ~ 120 types |   |
| <input checked="" type="radio"/> | ~ 220 types | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email:maniamaan2@gmail.com</b> |
| <input type="radio"/>            | ~ 420 types |   |

Click to Save Answer & Move to Next Question



BIO301:ONLINE Quiz # 01

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

- |                                  |   |   |
|----------------------------------|---|---|
| <input checked="" type="radio"/> | Male cells have 22 pairs of homologous and one pair of non-homologous chromosomes   | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email:maniamaan2@gmail.com</b> |
| <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: 01:47 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	<b>Answer solved by Amaan Khan</b> 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

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	<b>Answer solved by Amaan Khan</b> 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: 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

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	<b>Answer solved by Amaan Khan</b> 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	<b>Answer solved by Amaan Khan</b> 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

<input type="radio"/>	2 haploid daughter cells	
<input type="radio"/>	4 diploid daughter cells	
<input type="radio"/>	2 diploid daughter cells	
<input checked="" type="radio"/>	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

<input checked="" type="radio"/>	ZZ chromosomes	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	VW chromosomes	
<input type="radio"/>	ZW chromosomes	
<input type="radio"/>	Either ZZ or ZW chromosomes	

Click to Save Answer & Move to Next Question



# VU Medical Zone

BIO301:ONLINE Quiz # 01

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	<b>Answer solved by Amaan Khan</b> 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

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

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	<b>Answer solved by Amaan Khan</b> 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

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



# VU 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

<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: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

<input checked="" type="radio"/>	Leptotene, zygotene, pachytene, diplotene, diakinesis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Leptotene, diplotene, zygotene, pachytene, diakinesis	
<input type="radio"/>	Leptotene, pachytene, diplotene, zygotene, diakinesis	
<input type="radio"/>	Leptotene, diplotene, pachytene, zygotene, diakinesis	

Click to Save Answer & Move to Next Question



# VU 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

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	/
<input type="radio"/>	Son cells	/

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

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"/>	Kinetochore spindle fibers	
<input checked="" type="radio"/>	Non-kinetochore spindle 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<input checked="" type="radio"/>	Descending, straight line	
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email: maniamaan2@gmail.com</b>
<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





# VU Medical Zone

BIO301:ONLINE Quiz # 01

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	<b>Answer solved by Amaan Khan</b> 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

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	<b>Answer solved by Amaan Khan</b> 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



**Effort By Amaan Khan**

# 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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email:maniamaan2@gmail.com</b>
<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	<b>Answer solved by Amaan Khan</b> <b>Contact: 0305-4716616</b> <b>Email:maniamaan2@gmail.com</b>
<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

