

VU Medical Zone

BIO 302 GRAND QUIZ FALL 2020

BIO302:Grand Quiz

sec(s)
Quiz Start Time: 05:34 AM, 31 December 2020

Question # 1 of 30 (Start time: 05:34:10 AM, 31 December 2020)

Total Marks: 1

An E. coli chromosome is estimated to have about _____ super-coiled loops.

Select the correct option

<input type="radio"/>	120	
<input type="radio"/>	643	
<input checked="" type="radio"/>	400	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	250	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

sec(s)
Quiz Start Time: 05:34 AM, 31 December 2020

Question # 2 of 30 (Start time: 05:34:58 AM, 31 December 2020)

Total Marks: 1

The first step is the initial binding of polymerase to a promoter to form what is called a _____

Select the correct option

<input checked="" type="radio"/>	Closed complex	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Transcription start site	
<input type="radio"/>	Transcription bubble	
<input type="radio"/>	Replication fork	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 3 of 30 (Start time: 05:35:45 AM, 31 December 2020)

Total Marks: 1

tRNA accounts for some..... of all cellular RNA

Select the correct option

<input type="radio"/>	40%	
<input type="radio"/>	30%	
<input type="radio"/>	20%	
<input checked="" type="radio"/>	10%	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 4 of 30 (Start time: 05:36:27 AM, 31 December 2020)

Total Marks: 1

Polycyclic aromatic hydrocarbons (PAHs) formed by the incomplete combustion of the burning wood or _____

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 5 of 30 (Start time: 05:37:10 AM, 31 December 2020)

Total Marks: 1

The ____ model predicts that the linker DNA forms a straight path between successive nucleosomes.

Select the correct option

<input type="radio"/>	Solium	
<input checked="" type="radio"/>	Zigzag	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Solenoid	
<input type="radio"/>	Doom Bell	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 6 of 30 (Start time: 05:37:45 AM, 31 December 2020)

Total Marks: 1

tRNA having amino acid joins with ____ during protein synthesis.

Select the correct option

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



Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 7 of 30 (Start time: 05:39:03 AM, 31 December 2020)

Total Marks: 1

Hershey and Chase used ____ isotopes for their experiments.

Select the correct option

<input type="radio"/>	N	
<input checked="" type="radio"/>	P	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	B	
<input type="radio"/>	Cd	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 8 of 30 (Start time: 05:39:57 AM, 31 December 2020)

Total Marks: 1

In a molecule of double-stranded DNA, the amount of Adenine present is always equal to the amount of

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 9 of 30 (Start time: 05:40:18 AM, 31 December 2020)

Total Marks: 1

Cell free fermentation was discovered in _____.

Select the correct option

<input type="radio"/>	1938	
<input type="radio"/>	1865	
<input checked="" type="radio"/>	1897	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	1997	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 10 of 30 (Start time: 05:40:58 AM, 31 December 2020)

Total Marks: 1

The wave length range of UV-B light is _____ nm.

Select the correct option

<input checked="" type="radio"/>	296-320	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	100-295	
<input type="radio"/>	321-400	
<input type="radio"/>	350-410	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 11 of 30 (Start time: 05:41:29 AM, 31 December 2020)

Total Marks: 1

Direct dealkylation reactions have probably been most extensively studied in _____

Select the correct option

<input checked="" type="radio"/>	E. coli	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Frog	
<input type="radio"/>	Bat	
<input type="radio"/>	Human	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 12 of 30 (Start time: 05:42:04 AM, 31 December 2020)

Total Marks: 1

The bacterium used in Hershey and Chase experiments were _____

Select the correct option

<input type="radio"/>	Staphylococcus aureus	
<input checked="" type="radio"/>	E. coli	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Tuberculosis mycobacterium	
<input type="radio"/>	Streptococcus pneumonia	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 13 of 30 (Start time: 05:43:02 AM, 31 December 2020)

Total Marks: 1

The nucleosome of eukaryotic genome contains about ____ protein molecules with DNA.

Select the correct option

<input type="radio"/>	16	
<input checked="" type="radio"/>	9	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	7	
<input type="radio"/>	12	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 14 of 30 (Start time: 05:44:33 AM, 31 December 2020)

Total Marks: 1

The wavelength of ultra violet light that damages DNA is ____ nm.

Select the correct option

<input checked="" type="radio"/>	100-400	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	500-600	
<input type="radio"/>	550-600	
<input type="radio"/>	430-540	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 15 of 30 (Start time: 05:45:29 AM, 31 December 2020)

Total Marks: 1

Which three additional enzyme are required when the nick is present on 3' end of the mismatch.

Select the correct option

<input checked="" type="radio"/>	MutS-alpha, Exol and RPA	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	RPA, Exol and RCF	
<input type="radio"/>	MutL-alpha, PCNA and RCF	
<input type="radio"/>	MutL-alpha, PCNA and RPA	

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



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 16 of 30 (Start time: 05:47:32 AM, 31 December 2020)

Total Marks: 1

Presence of 5 origins of replication will divide each chromosome into _____ replicons

Select the correct option

<input checked="" type="radio"/>	5	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	2	
<input type="radio"/>	0	
<input type="radio"/>	6	

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



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 17 of 30 (Start time: 05:49:12 AM, 31 December 2020)

Total Marks: 1

RNA Polymerases function only in the presence of _____

Select the correct option

<input checked="" type="radio"/>	DNA	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	either DNA or RNA	
<input type="radio"/>	RNA	
<input type="radio"/>	None	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 18 of 30 (Start time: 05:49:54 AM, 31 December 2020)

Total Marks: 1

_____ number of distinct DNA glycosylase/lyase enzymes have been identified in human cells.

Select the correct option

<input type="radio"/>	3	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	5	
<input type="radio"/>	7	
<input checked="" type="radio"/>	6	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 19 of 30 (Start time: 05:51:11 AM, 31 December 2020)

Total Marks: 1

Which shows the correct complimentary base pairing of DNA?

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 20 of 30 (Start time: 05:51:39 AM, 31 December 2020)

Total Marks: 1

long patch repair pathway replace the _____ nucleotides

Select the correct option

<input checked="" type="radio"/>	2 - 8	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	3 - 18	
<input type="radio"/>	2 - 14	
<input type="radio"/>	4 - 20	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 21 of 30 (Start time: 05:52:17 AM, 31 December 2020)

Total Marks: 1

Ribose and deoxyribose sugar in nucleic acids differ in _____ at ____.

Select the correct option

<input checked="" type="radio"/>	N, C3	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	O, C2		
<input type="radio"/>	H, C3		
<input type="radio"/>	O, C3		

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 22 of 30 (Start time: 05:53:52 AM, 31 December 2020)

Total Marks: 1

E. coli's chromosome consists of approx. _____ nucleotide pairs.

Select the correct option

<input checked="" type="radio"/>	4 Million	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	6 Million		
<input type="radio"/>	5 Billion		
<input type="radio"/>	9 Billion		

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 23 of 30 (Start time: 05:54:33 AM, 31 December 2020)

Total Marks: 1

All organisms that have a mismatch repair system have MutS and _____ homologs

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 24 of 30 (Start time: 05:55:15 AM, 31 December 2020)

Total Marks: 1

Formation of cyclobutane pyrimidine dimer (CPD) which accounts for about ____% of all the UV - induced damage.

Select the correct option

<input type="radio"/>	35	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	57	
<input checked="" type="radio"/>	75	
<input type="radio"/>	42	



Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 25 of 30 (Start time: 05:56:42 AM, 31 December 2020)

Total Marks: 1

DNA replication is semi-conservative was proved in _____

Select the correct option

<input checked="" type="radio"/>	1958	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	1955		
<input type="radio"/>	1943		
<input type="radio"/>	1947		

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 26 of 30 (Start time: 05:57:11 AM, 31 December 2020)

Total Marks: 1

Nucleoside is _____

Select the correct option

<input checked="" type="radio"/>	Nucleotide - Phosphoric acid	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Nucleotide + Phosphoric acid		
<input type="radio"/>	Nucleotide - Phosphoric acid+ N B		
<input type="radio"/>	Nucleotide - Phosphoric acid+ N B		

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 27 of 30 (Start time: 05:57:37 AM, 31 December 2020)

Total Marks: 1

The bond angles in protein primary structure resulting from rotations at C are labelled (phi) for the ____.

Select the correct option

<input type="radio"/>	alpha C-O	
<input checked="" type="radio"/>	N - alpha C	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	alphaC - C	
<input type="radio"/>	Alpha N - C	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 28 of 30 (Start time: 05:58:35 AM, 31 December 2020)

Total Marks: 1

Cisplatin is a very effective chemotherapeutic agent for treating cancers of the ____.

Select the correct option

<input type="radio"/>	Bladder	
<input type="radio"/>	Testicles	
<input type="radio"/>	Ovaries	
<input checked="" type="radio"/>	All given	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 29 of 30 (Start time: 05:59:17 AM, 31 December 2020)

Total Marks: 1

The first enzyme diastase was discovered by _____.

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 05:34 AM, 31 December 2020

Question # 30 of 30 (Start time: 05:59:44 AM, 31 December 2020)

Total Marks: 1

Key substrates required for the synthesis of DNA to proceed are _____ and _____

Select the correct option

<input type="radio"/>	NADPH - Primer	
<input type="radio"/>	E.coli - Bacteriophage	
<input checked="" type="radio"/>	Deoxynucleoside triphosphates - Primer	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Primer - template	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 1 of 30 (Start time: 06:05:05 AM, 31 December 2020)

Total Marks: 1

DNA polymerases introduce about one mispaired nucleotide per _____ nucleotides

Select the correct option

<input checked="" type="radio"/>	105	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	107		
<input type="radio"/>	103		
<input type="radio"/>	101		

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 2 of 30 (Start time: 06:05:52 AM, 31 December 2020)

Total Marks: 1

Performed the x-ray diffraction analysis of DNA fibers.

Select the correct option

<input checked="" type="radio"/>	Rosalind and Wilkins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Crick and Avery		
<input type="radio"/>	Sumner and Buchner		
<input type="radio"/>	Meselson & Franklin		

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 3 of 30 (Start time: 06:06:22 AM, 31 December 2020)

Total Marks: 1

ExoI enzyme degrades DNA in a _____ direction

Select the correct option

<input type="radio"/>	OH	
<input type="radio"/>	5'-----3'	
<input checked="" type="radio"/>	3'-----5'	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	PO4-2	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 4 of 30 (Start time: 06:07:22 AM, 31 December 2020)

Total Marks: 1

_____ carries the information from DNA to the ribosomal sites of protein synthesis

Select the correct option

<input type="radio"/>	rRNA	
<input type="radio"/>	tRNA	
<input checked="" type="radio"/>	mRNA	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	siRNA	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 5 of 30 (Start time: 06:07:36 AM, 31 December 2020)

Total Marks: 1

Symmetry in quaternary structure of protein with two fold rotational axis is called _____

Select the correct option

<input checked="" type="radio"/>	Dihedral	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Bilateral		
<input type="radio"/>	Cyclic		
<input type="radio"/>	All given		

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



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 6 of 30 (Start time: 06:09:07 AM, 31 December 2020)

Total Marks: 1

Ribose and deoxyribose sugar in nucleic acids differ in _____ at ____.

Select the correct option

<input checked="" type="radio"/>	N, C3	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	O, C2		
<input type="radio"/>	H, C3		
<input type="radio"/>	O, C3		

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



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 7 of 30 (Start time: 06:09:23 AM, 31 December 2020)

Total Marks: 1

All organisms that have a mismatch repair system have MutS and _____ homologs

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 8 of 30 (Start time: 06:09:38 AM, 31 December 2020)

Total Marks: 1

RNA create cavities on their outer surfaces specific for the different _____

Select the correct option

<input checked="" type="radio"/>	Amino acids	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Nucleotides	
<input type="radio"/>	ATP	
<input type="radio"/>	Proteins	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 9 of 30 (Start time: 06:10:25 AM, 31 December 2020)

Total Marks: 1

_____ make RNA using appropriate segments of chromosomal DNA as their templates

Select the correct option

<input type="radio"/>	DNA polymerases	
<input type="radio"/>	Endonucleases	
<input checked="" type="radio"/>	RNA polymerases	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	All given	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 10 of 30 (Start time: 06:11:12 AM, 31 December 2020)

Total Marks: 1

The first discovered enzyme is known as _____

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 11 of 30 (Start time: 06:11:43 AM, 31 December 2020)

Total Marks: 1

_____ adds a deoxyribonucleotide to the 3'-OH end of DNA.

Select the correct option

<input checked="" type="radio"/>	DNA polymerase	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Deoxyribose phosphate lyase	
<input type="radio"/>	Endo nuclease	
<input type="radio"/>	Topoisomerase	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 12 of 30 (Start time: 06:12:50 AM, 31 December 2020)

Total Marks: 1

The movement of DNA helicae along single strand DNA strand in defined direction is known as _____.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 13 of 30 (Start time: 06:13:38 AM, 31 December 2020)

Total Marks: 1

An AP (apurinic and apyrimidininc) site can be produced by _____ enzyme

Select the correct option

<input checked="" type="radio"/>	DNA glycosylase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	DNA dehydrogenase	
<input type="radio"/>	DNA isomerase	
<input type="radio"/>	All given	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 14 of 30 (Start time: 06:14:32 AM, 31 December 2020)

Total Marks: 1

Meselson and Stahl performed a classic experiment to distinguish among three possible models of DNA replication using isotope of _____.

Select the correct option

<input type="radio"/>	C	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input checked="" type="radio"/>	N	
<input type="radio"/>	S	
<input type="radio"/>	Na	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 15 of 30 (Start time: 06:14:48 AM, 31 December 2020)

Total Marks: 1

_____ is a sulphur containing amino acid.

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 16 of 30 (Start time: 06:15:36 AM, 31 December 2020)

Total Marks: 1

CH₃ group is attached at _____ of thymine nitrogenous base.

Select the correct option

<input checked="" type="radio"/>	C6	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	C5	
<input type="radio"/>	N3	
<input type="radio"/>	N6	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 17 of 30 (Start time: 06:17:25 AM, 31 December 2020)

Total Marks: 1

Psoralen can _____ DNA if photo-activated

Select the correct option

<input checked="" type="radio"/>	Alkylate	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Ubiquitinate	
<input type="radio"/>	Phosphorylate	
<input type="radio"/>	Methylate	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 18 of 30 (Start time: 06:18:06 AM, 31 December 2020)

Total Marks: 1

Which one of these amino acids are present in high percentage in histone protein.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 19 of 30 (Start time: 06:19:14 AM, 31 December 2020)

Total Marks: 1

One of the most mutagenic base analogs is 5-bromouracil, an analog of _____

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 20 of 30 (Start time: 06:19:53 AM, 31 December 2020)

Total Marks: 1

The basic nucleotide excision repair pathway is _____ in all the organisms.

Select the correct option

<input checked="" type="radio"/>	Same	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Different	
<input type="radio"/>	In equilibrium	
<input type="radio"/>	None	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 21 of 30 (Start time: 06:20:42 AM, 31 December 2020)

Total Marks: 1

The length of mRNA molecules is variable and depends on the length of _____.

Select the correct option

<input type="radio"/>	DNA	
<input checked="" type="radio"/>	Protein	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	rRNA	
<input type="radio"/>	tRNA	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 22 of 30 (Start time: 06:20:59 AM, 31 December 2020)

Total Marks: 1

James Watson and Francis Crick discovered the double helical structure of DNA in _____.

Select the correct option

<input type="radio"/>	1926	
<input type="radio"/>	1955	
<input checked="" type="radio"/>	1953	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	1943	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 23 of 30 (Start time: 06:21:18 AM, 31 December 2020)

Total Marks: 1

Which one of these amino acids are present in high percentage in histone protein.

Select the correct option

<input checked="" type="radio"/>	Arginine	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Leucine	
<input type="radio"/>	Tryptophan	
<input type="radio"/>	Phenylalanine	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 24 of 30 (Start time: 06:21:34 AM, 31 December 2020)

Total Marks: 1

Central dogma of molecular biology does not involve _____.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 25 of 30 (Start time: 06:21:50 AM, 31 December 2020)

Total Marks: 1

CPD photolyses are present in all organisms except _____

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 26 of 30 (Start time: 06:22:50 AM, 31 December 2020)

Total Marks: 1

Urea was synthesized Wohler in _____

Select the correct option

<input type="radio"/>	1932	
<input checked="" type="radio"/>	1828	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	1869	
<input type="radio"/>	1833	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 27 of 30 (Start time: 06:23:13 AM, 31 December 2020)

Total Marks: 1

The incorporation rate of rNTPs is _____-folds lower than dNTPs.

Select the correct option

<input type="radio"/>	100	
<input type="radio"/>	500	
<input checked="" type="radio"/>	1000	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	1200	

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 28 of 30 (Start time: 06:23:48 AM, 31 December 2020)

Total Marks: 1

Which of the following is not a base of RNA?

Select the correct option

<input type="radio"/>	Guanine (G)	
<input type="radio"/>	Cytosine (C)	
<input type="radio"/>	Adenine (A)	
<input checked="" type="radio"/>	Thymine (T)	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 29 of 30 (Start time: 06:24:03 AM, 31 December 2020)

Total Marks: 1

Which enzyme prevents the accumulation of supercoils ahead of the replication fork?

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Quiz Start Time: 06:05 AM, 31 December 2020

Question # 30 of 30 (Start time: 06:25:02 AM, 31 December 2020)

Total Marks: 1

Working independently cracked the code in the early 1960s.

Select the correct option

<input type="radio"/>	Meselson and Stahl	
<input checked="" type="radio"/>	Nirenberg and Gobind	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Beedle and Tatum	
<input type="radio"/>	Sumner and Buchner	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO 302 QUIZ NO 1 FALL 2020

BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 1 of 10 (Start time: 02:01:06 AM, 08 December 2020)

Total Marks: 1

How initiation of replication takes place was explained by _____

Select the correct option

<input type="radio"/>	Fredrich Preston	
<input checked="" type="radio"/>	Francois Jacob	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	Frank Preston	
<input type="radio"/>	Joseph Connell	

Click to Save Answer & Move to Next Question



BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 2 of 10 (Start time: 02:02:14 AM, 08 December 2020)

Total Marks: 1

Okazaki fragment is formed during _____ process of cell.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 3 of 10 (Start time: 02:03:12 AM, 08 December 2020)

Total Marks: 1

The incorporation rate of rNTPs is _____-folds lower than dNTPs.

Select the correct option

<input type="radio"/>	100	
<input type="radio"/>	500	
<input checked="" type="radio"/>	1000	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	1200	

Click to Save Answer & Move to Next Question



BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 4 of 10 (Start time: 02:03:53 AM, 08 December 2020)

Total Marks: 1

The length RNA primer for DNA polymerase is _____ nucleotides.

Select the correct option

<input checked="" type="radio"/>	5-10	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	15-20	
<input type="radio"/>	20-30	
<input type="radio"/>	22-28	



Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 5 of 10 (Start time: 02:05:50 AM, 08 December 2020)

Total Marks: 1

Each loop of E. coli chromosome has an average length of about ____ kbp.

Select the correct option

<input type="radio"/>	30-50	
<input checked="" type="radio"/>	10-20	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	60-65	
<input type="radio"/>	70-80	

Click to Save Answer & Move to Next Question



BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 6 of 10 (Start time: 02:06:31 AM, 08 December 2020)

Total Marks: 1

The replication process of DNA produces two new strands of DNA molecule to form new DNA molecule, is ____ model of replication.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 7 of 10 (Start time: 02:07:35 AM, 08 December 2020)

Total Marks: 1

The innermost phosphate of a nucleotide triphosphate is known as _____.

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 8 of 10 (Start time: 02:08:25 AM, 08 December 2020)

Total Marks: 1

Bond formation between two nucleotides is a _____ type of reaction.

Select the correct option

<input type="radio"/>	SN1	
<input checked="" type="radio"/>	SN2	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
<input type="radio"/>	SN3	
<input type="radio"/>	SN4	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 9 of 10 (Start time: 02:09:00 AM, 08 December 2020)

Total Marks: 1

How many classes of histones?

Select the correct option

<input type="radio"/>	8	
<input type="radio"/>	3	
<input type="radio"/>	4	
<input checked="" type="radio"/>	5	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO302:Quiz 1

Quiz Start Time: 02:01 AM, 08 December 2020

Question # 10 of 10 (Start time: 02:10:14 AM, 08 December 2020)

Total Marks: 1

DNA helicases are _____ proteins that assume the shape of a ring.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN