

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 | |
| <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

sec(s)
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

sec(s)
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	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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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"/>	Solinium	/
<input checked="" type="radio"/>	Zigzag	/
<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	/
<input type="radio"/>	rRNA	/
<input type="radio"/>	miRNA	/
<input type="radio"/>	ribosomes	/

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO302:Grand Quiz

sec(s)
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

sec(s)
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	
<input type="radio"/>	uracil	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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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)

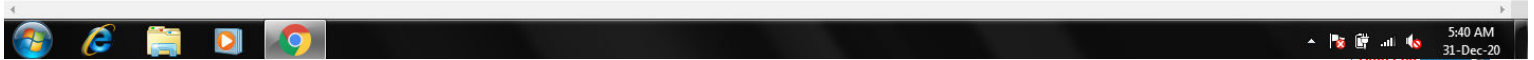
Total Marks: 1

Cell free fermentation was discovered in_____.

Select the correct option

- | | | |
|----------------------------------|------|--|
| <input type="radio"/> | 1938 | |
| <input type="radio"/> | 1865 | |
| <input checked="" type="radio"/> | 1897 | |
| <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 | |
| <input type="radio"/> | 100-295 | |
| <input type="radio"/> | 321-400 | |
| <input type="radio"/> | 350-410 | |

Click to Save Answer & Move to Next Question



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
<input type="radio"/>	Tuberculosis mycobacterium
<input type="radio"/>	Streptococcus pneumonia

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO302:Grand Quiz

sec(s)
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	
<input type="radio"/>	7	
<input type="radio"/>	12	



Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

sec(s)
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	
<input type="radio"/>	500-600	
<input type="radio"/>	550-600	
<input type="radio"/>	430-540	

Click to Save Answer & Move to Next Question



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, ExoI and RPA	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	RPA, ExoI 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



5:47 AM
31-Dec-20

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)

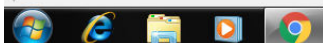
Total Marks: 1

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

Select the correct option

<input checked="" type="radio"/>	5
<input type="radio"/>	2
<input type="radio"/>	0
<input type="radio"/>	6

Click to Save Answer & Move to Next Question



5:49 AM
31-Dec-20

EFFORT BY AMAAN KHAN

VU Medical Zone

BIO302:Grand Quiz

sec(s)
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

sec(s)
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	
<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

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BIO302:Grand Quiz

sec(s)
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	/

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

Time Left sec(s)
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	/
<input type="radio"/>	3 - 18	/
<input type="radio"/>	2 - 14	/
<input type="radio"/>	4 - 20	/

Click to Save Answer & Move to Next Question



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
<input type="radio"/>	6 Million
<input type="radio"/>	5 Billion
<input type="radio"/>	9 Billion

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



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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
<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
<input type="radio"/>	57
<input checked="" type="radio"/>	75
<input type="radio"/>	42

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

Click to Save Answer & Move to Next Question



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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
<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
<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



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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	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO302:Grand Quiz

sec(s)
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

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

sec(s)
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
<input type="radio"/>	Primer - template

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

Click to Save Answer & Move to Next Question



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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	
<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'
<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
<input type="radio"/>	siRNA

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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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)

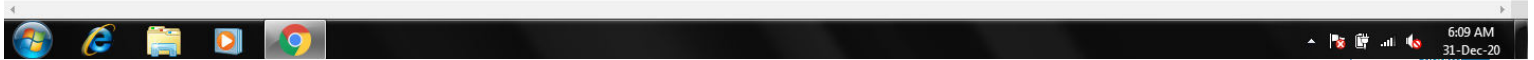
Total Marks: 1

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

Select the correct option

<input checked="" type="radio"/>	Dihedral
<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
<input type="radio"/>	O, C2
<input type="radio"/>	H, C3
<input type="radio"/>	O, C3

Click to Save Answer & Move to Next Question



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
<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)

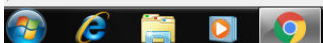
Total Marks: 1

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



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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 | / |
| <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 | / |
| <input type="radio"/> | Isomerase | / |

Click to Save Answer & Move to Next Question



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 helicase along single strand DNA strand in defined direction is known as _____.

Select the correct option

<input type="radio"/>	Velocity
<input checked="" type="radio"/>	Polarity
<input type="radio"/>	Heterogeneity
<input type="radio"/>	Processivity

Click to Save Answer & Move to Next Question



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VU Medical Zone

BIO302:Grand Quiz

sec(s)
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	/
<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

sec(s)
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	/
<input checked="" type="radio"/>	N	/
<input type="radio"/>	S	/
<input type="radio"/>	Na	/

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

Click to Save Answer & Move to Next Question



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BIO302:Grand Quiz

sec(s)
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	/
<input type="radio"/>	Histidine	/

Click to Save Answer & Move to Next Question



BIO302:Grand Quiz

sec(s)
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	/
<input type="radio"/>	C5	/
<input type="radio"/>	N3	/
<input type="radio"/>	N6	/

Click to Save Answer & Move to Next Question



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
<input type="radio"/>	Leucine
<input checked="" type="radio"/>	Lysine
<input type="radio"/>	Phenylalanine

Click to Save Answer & Move to Next Question



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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
<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
<input type="radio"/>	Different
<input type="radio"/>	In equilibrium
<input type="radio"/>	None

Click to Save Answer & Move to Next Question



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	
<input type="radio"/>	1943	

Click to Save Answer & Move to Next Question



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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
<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

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
<input type="radio"/>	1869
<input type="radio"/>	1833

Click to Save Answer & Move to Next Question



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)	

Click to Save Answer & Move to Next Question



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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	
<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



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