

VU Medical Zone

BIO 202 Quiz no 2 Fall 2020

BIO202:Quiz no. 3

Time: 00:00 sec(s)
Quiz Start Time: 12:27 AM, 23 February 2021

Question # 1 of 10 (Start time: 12:27:26 AM, 23 February 2021)

Total Marks: 1

The DNA oligonucleotide abbreviated pATCGAC:

Select the correct option

<input type="radio"/>	has seven phosphate groups.	
<input checked="" type="radio"/>	has a hydroxyl at its 3' end.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	has a phosphate on its 3' end.	
<input type="radio"/>	has an A at its 3' end.	

Click to Save Answer & Move to Next Question



BIO202:Quiz no. 3

Time: 00:00 sec(s)
Quiz Start Time: 12:27 AM, 23 February 2021

Question # 2 of 10 (Start time: 12:29:52 AM, 23 February 2021)

Total Marks: 1

In living cells, nucleotides and their derivatives can serve as:

Select the correct option

<input type="radio"/>	carriers of metabolic energy.	
<input type="radio"/>	enzyme cofactors.	
<input type="radio"/>	intracellular signals.	
<input checked="" type="radio"/>	all of the above	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

BIO202:Quiz no. 3

Quiz Start Time: 12:27 AM, 23 February 2021

Question # 3 of 10 (Start time: 12:31:21 AM, 23 February 2021)

Total Marks: 1

S-adenosylmethionine is agroup donor

Select the correct option

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

Click to Save Answer & Move to Next Question

13 Hours remaining

Quiz - Google Chr...

12:31 AM 2/23/2021

BIO202:Quiz no. 3

Quiz Start Time: 12:27 AM, 23 February 2021

Question # 4 of 10 (Start time: 12:32:01 AM, 23 February 2021)

Total Marks: 1

Which one is example of coenzymes

Select the correct option

<input type="radio"/>	FAD	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	NAD+	
<input type="radio"/>	NADP+	
<input checked="" type="radio"/>	All	

Click to Save Answer & Move to Next Question

13 Hours remaining

Quiz - Google Chr...

12:32 AM 2/23/2021

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 12:27 AM, 23 February 2021

Question # 5 of 10 (Start time: 12:32:32 AM, 23 February 2021)

Total Marks: 1

ATP is a

Select the correct option

<input type="radio"/>	nucleoside	
<input checked="" type="radio"/>	nucleotide	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	vitamin	
<input type="radio"/>	nucleic acid	

Click to Save Answer & Move to Next Question

13 Hours remaining

Quiz - Google Chr...

12:32 AM 2/23/2021

BIO202:Quiz no. 3

Quiz Start Time: 12:27 AM, 23 February 2021

Question # 6 of 10 (Start time: 12:32:45 AM, 23 February 2021)

Total Marks: 1

There are classes of histones

Select the correct option

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

Click to Save Answer & Move to Next Question

2 Hours and 5 Mi...

Quiz - Google Chr...

12:33 AM 2/23/2021

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 12:27 AM, 23 February 2021

Question # 7 of 10 (Start time: 12:33:58 AM, 23 February 2021)

Total Marks: 1

single-stranded DNA has a----- relative absorbance at 260nm wavelength than does double-stranded DNA.

Select the correct option

<input type="radio"/>	lower	
<input checked="" type="radio"/>	higher	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	equal	
<input type="radio"/>	none	



Click to Save Answer & Move to Next Question

Taskbar showing icons for Windows, 2 Hours and 5 Mi..., Quiz - Google Chr..., and system clock: 12:35 AM 2/23/2021.

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 12:27 AM, 23 February 2021

Question # 8 of 10 (Start time: 12:35:24 AM, 23 February 2021)

Total Marks: 1

Separation of the two strands of the double helix when ----- bonds between the paired bases are disrupted.

Select the correct option

<input type="radio"/>	phosphodiester	
<input checked="" type="radio"/>	hydrogen	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	glycosilic bond	
<input type="radio"/>	none of the above	

Click to Save Answer & Move to Next Question

Taskbar showing icons for Windows, 2 Hours and 5 Mi..., Quiz - Google Chr..., and system clock: 12:35 AM 2/23/2021.

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BIO202:Quiz no. 3

Quiz Start Time: 12:27 AM, 23 February 2021

Question # 9 of 10 (Start time: 12:35:56 AM, 23 February 2021)

Total Marks: 1

Find the correct statement about phosphodiester linkage between adjacent nucleotides in nucleic acids

Select the correct option

<input type="radio"/>	3'-phosphate of one nucleotide joins the 3'-hydroxyl of the next nucleotide	
<input type="radio"/>	3'-phosphate of one nucleotide joins the 5'-hydroxyl of the next nucleotide	
<input type="radio"/>	5'-phosphate of one nucleotide joins the 5'-hydroxyl of the next nucleotide	
<input checked="" type="radio"/>	5'-phosphate of one nucleotide joins the 3'-hydroxyl of the next nucleotide	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 Windows, 30 Minutes remain..., and Quiz - Google Chr... The system clock shows 12:37 AM 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 12:27 AM, 23 February 2021

Question # 10 of 10 (Start time: 12:37:36 AM, 23 February 2021)

Total Marks: 1

According to Chargaff's Rules
which one is not correct

Select the correct option

<input type="radio"/>	adenine equals the amount of thymine.	
<input type="radio"/>	guanine equals the amount of cytosine	
<input type="radio"/>	total amount of purines equals the total amount of pyrimidines	
<input checked="" type="radio"/>	guanine equals the amount of thymine	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 Windows, 21 Minutes remain..., and Quiz - Google Chr... The system clock shows 12:38 AM 2/23/2021.

Effort By Amaan Khan

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BIO202:Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 1 of 10 (Start time: 12:45:43 AM, 23 February 2021)

Total Marks: 1

higher GC base pairs increases T_m , because , with three hydrogen bonds, require-----heat energy to dissociate than AT base pairs.

Select the correct option

<input type="radio"/>	less	
<input checked="" type="radio"/>	more	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	equal	
<input type="radio"/>	none of the above	

Click to Save Answer & Move to Next Question

Windows taskbar showing system tray with clock (12:46 AM, 2/23/2021), network, and volume icons. Taskbar includes icons for Windows, 35 Minutes remain..., and Quiz - Google Chr...

BIO202:Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 2 of 10 (Start time: 12:46:25 AM, 23 February 2021)

Total Marks: 1

Chromatin is composed of

Select the correct option

<input checked="" type="radio"/>	nucleic acids and protein	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	nucleic acids only	
<input type="radio"/>	proteins only	
<input type="radio"/>	none of these	

Click to Save Answer & Move to Next Question

Windows taskbar showing system tray with clock (12:46 AM, 2/23/2021), network, and volume icons. Taskbar includes icons for Windows, 35 Minutes remain..., and Quiz - Google Chr...

Effort By Amaan Khan

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BIO202-Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 3 of 10 (Start time: 12:46:56 AM, 23 February 2021)

Total Marks: 1

Which one is example of coenzymes

Select the correct option

<input type="radio"/>	FAD	
<input type="radio"/>	NAD+	
<input type="radio"/>	NADP+	
<input checked="" type="radio"/>	All	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 Start, 35 Minutes remain..., Play, Edge, and Quiz - Google Chr... The system clock shows 12:47 AM on 2/23/2021.

BIO202-Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 4 of 10 (Start time: 12:47:06 AM, 23 February 2021)

Total Marks: 1

The sugar molecule present in nucleotide is

Select the correct option

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

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, 35 Minutes remain..., Play, Edge, and Quiz - Google Chr... The system clock shows 12:47 AM on 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 5 of 10 (Start time: 12:47:18 AM, 23 February 2021)

Total Marks: 1

Eukaryotic DNA is associated with tightly bound basic -----, called histones.

Select the correct option

<input type="radio"/>	lipid	
<input checked="" type="radio"/>	proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	carbohydrates	
<input type="radio"/>	nucleic acid	

Click to Save Answer & Move to Next Question



BIO202:Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 6 of 10 (Start time: 12:47:48 AM, 23 February 2021)

Total Marks: 1

When DNA is heated, the temperature at which ----- of the helical structure is lost is defined as the melting temperature.

Select the correct option

<input checked="" type="radio"/>	one half	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	two half	
<input type="radio"/>	three half	
<input type="radio"/>	complete	

Click to Save Answer & Move to Next Question



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BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 12:45 AM, 23 February 2021

Question # 7 of 10 (Start time: 12:48:15 AM, 23 February 2021)

Total Marks: 1

Z-DNA have a

Select the correct option

<input checked="" type="radio"/>	Zig-Zag apperance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Double helical nature	
<input type="radio"/>	uracil base	
<input type="radio"/>	single stranded nature	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, 25 Minutes remaining, and Quiz - Google Chrome. System clock shows 12:48 AM, 2/23/2021.

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 12:45 AM, 23 February 2021

Question # 8 of 10 (Start time: 12:49:04 AM, 23 February 2021)

Total Marks: 1

Separation of the two strands of the double helix when ----- bonds between the paired bases are disrupted.

Select the correct option

<input type="radio"/>	phosphodiester	
<input checked="" type="radio"/>	hydrogen	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	glycosilic bond	
<input type="radio"/>	none of the above	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, 25 Minutes remaining, and Quiz - Google Chrome. System clock shows 12:49 AM, 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 9 of 10 (Start time: 12:49:15 AM, 23 February 2021)

Total Marks: 1

RNA duplexes are ----- stable than DNA duplexes.

Select the correct option

<input checked="" type="radio"/>	more	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	less		/
<input type="radio"/>	equal		/
<input type="radio"/>	none of the above		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Windows, 25 Minutes remain..., VLC, Edge, and Quiz - Google Chrome. System clock shows 12:49 AM, 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 12:45 AM, 23 February 2021

Question # 10 of 10 (Start time: 12:49:41 AM, 23 February 2021)

Total Marks: 1

The -----strand is called Template strand while

Select the correct option

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

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Windows, 25 Minutes remain..., VLC, Edge, and Quiz - Google Chrome. System clock shows 12:50 AM, 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 1 of 10 (Start time: 12:54:07 AM, 23 February 2021)

Total Marks: 1

DNA replication is

Select the correct option

<input type="radio"/>	Conservative	
<input type="radio"/>	Non-conservative	
<input checked="" type="radio"/>	Semi-conservative	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None	

Click to Save Answer & Move to Next Question



BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 2 of 10 (Start time: 12:55:38 AM, 23 February 2021)

Total Marks: 1

Nucleotides are composed of

<input type="radio"/>	A nitrogenous base (purine or pyrimidine)	
<input type="radio"/>	A pentose monosaccharide	
<input type="radio"/>	One, two, or three phosphate groups	
<input checked="" type="radio"/>	All	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

BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 3 of 10 (Start time: 12:55:55 AM, 23 February 2021)

Total Marks: 1

Eukaryotic DNA is associated with tightly bound basic -----, called histones.

Select the correct option

<input type="radio"/>	lipid	
<input checked="" type="radio"/>	proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	carbohydrates	
<input type="radio"/>	nucleic acid	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:55 AM on 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 4 of 10 (Start time: 12:56:04 AM, 23 February 2021)

Total Marks: 1

According to Chargaff's Rules
which one is not correct

Select the correct option

<input type="radio"/>	adenine equals the amount of thymine.	
<input type="radio"/>	guanine equals the amount of cytosine	
<input type="radio"/>	total amount of purines equals the total amount of pyrimidines	
<input checked="" type="radio"/>	guanine equals the amount of thymine	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 12:56 AM on 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 5 of 10 (Start time: 12:56:14 AM, 23 February 2021)

Total Marks: 1

Nucleosomes can be packed more tightly to form a polynucleosome also called a nucleofilament or a -----nm fiber.

Select the correct option

<input type="radio"/>	10	
<input checked="" type="radio"/>	30	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	50	
<input type="radio"/>	100	

Click to Save Answer & Move to Next Question



BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 6 of 10 (Start time: 12:56:39 AM, 23 February 2021)

Total Marks: 1

Nucleoside contains

Select the correct option

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

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 7 of 10 (Start time: 12:56:55 AM, 23 February 2021)

Total Marks: 1

The difference between thymine and uracil is:

Select the correct option

<input type="radio"/>	one methylene group on the pyrimidine ring	
<input checked="" type="radio"/>	one methyl group on the pyrimidine ring.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	one hydroxyl group on the ribose ring.	
<input type="radio"/>	one amine group on the pyrimidine ring.	

Click to Save Answer & Move to Next Question

Taskbar showing icons for Windows Explorer, Google Chrome, and other applications. The system clock displays 12:58 AM on 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 12:54 AM, 23 February 2021

Question # 8 of 10 (Start time: 12:58:52 AM, 23 February 2021)

Total Marks: 1

In a double-stranded nucleic acid, cytosine typically base-pairs with:

Select the correct option

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

Click to Save Answer & Move to Next Question

Taskbar showing icons for Windows Explorer, Google Chrome, and other applications. The system clock displays 12:59 AM on 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 12:54 AM, 23 February 2021

Question # 9 of 10 (Start time: 12:59:13 AM, 23 February 2021)

Total Marks: 1

When DNA is heated, the temperature at which of the helical structure is lost is defined as the melting temperature.

Select the correct option

<input checked="" type="radio"/>	one half	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	two half		
<input type="radio"/>	three half		
<input type="radio"/>	complete		

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:59 AM, 2/23/2021.

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 12:54 AM, 23 February 2021

Question # 10 of 10 (Start time: 12:59:24 AM, 23 February 2021)

Total Marks: 1

RNA duplexes are stable than DNA duplexes.

Select the correct option

<input checked="" type="radio"/>	more	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	less		
<input type="radio"/>	equal		
<input type="radio"/>	none of the above		

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:59 AM, 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 1 of 10 (Start time: 01:30:41 AM, 23 February 2021)

Total Marks: 1

Disruption of DNA can occur in the laboratory with alteration in

Select the correct option

<input type="radio"/>	PH	
<input type="radio"/>	salt concentration	
<input type="radio"/>	heated above 80°C	
<input checked="" type="radio"/>	All of the above	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

The image shows a Windows taskbar with several icons: a clock showing 1:30 AM, a taskbar with icons for a folder, a play button, and a Google Chrome browser window titled 'Quiz - Google Chr...'. The system tray on the right shows the time 1:30 AM and the date 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 2 of 10 (Start time: 01:31:26 AM, 23 February 2021)

Total Marks: 1

Any regular, stable structure taken up by some or all of the nucleotides in a nucleic acid can be referred to as

Select the correct option

<input type="radio"/>	primary structure	
<input checked="" type="radio"/>	secondary structure	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	tertiary structure	
<input type="radio"/>	all of above	

Click to Save Answer & Move to Next Question

The image shows a Windows taskbar with several icons: a clock showing 1:31 AM, a taskbar with icons for a folder, a play button, and a Google Chrome browser window titled 'Quiz - Google Chr...'. The system tray on the right shows the time 1:31 AM and the date 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 3 of 10 (Start time: 01:31:58 AM, 23 February 2021)

Total Marks: 1

Nucleic acids are a polymer of nucleotide monomeric units. Each nucleotide consists of

Select the correct option

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

Click to Save Answer & Move to Next Question

29 Minutes remain... Quiz - Google Chr... 1:32 AM 2/23/2021

BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 4 of 10 (Start time: 01:32:15 AM, 23 February 2021)

Total Marks: 1

The DNA wrapped around the nucleosome core is continuous and joins one nucleosome core to the next -the linker DNA this 50 bp DNA is complexed with the fifth type of histone, -----

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, H2B,	
<input type="radio"/>	H3,	
<input type="radio"/>	H4	

Click to Save Answer & Move to Next Question

29 Minutes remain... Quiz - Google Chr... 1:32 AM 2/23/2021

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 01:30 AM, 23 February 2021

Question # 5 of 10 (Start time: 01:32:48 AM, 23 February 2021)

Total Marks: 1

The phosphodiester bonds that link adjacent nucleotides in both RNA and DNA:

Select the correct option

<input type="radio"/>	always link A with T and G with C.	
<input type="radio"/>	are susceptible to alkaline hydrolysis.	
<input checked="" type="radio"/>	form between the planar rings of adjacent bases.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	join the 3' hydroxyl of one nucleotide to the 5' hydroxyl of the next.	



Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and a timer indicating 35 Minutes remaining. The system clock shows 1:34 AM on 2/23/2021.

BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 01:30 AM, 23 February 2021

Question # 6 of 10 (Start time: 01:34:35 AM, 23 February 2021)

Total Marks: 1

DNA that is not copied during the synthesis of mRNA is also called as

Select the correct option

<input checked="" type="radio"/>	Non Template	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	coding strand	
<input type="radio"/>	mRNA-like strand	
<input type="radio"/>	all of above	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and a timer indicating 35 Minutes remaining. The system clock shows 1:35 AM on 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Time Left: 00:00:00
Quiz Start Time: 01:30 AM, 23 February 2021

Question # 7 of 10 (Start time: 01:35:37 AM, 23 February 2021)

Total Marks: 1

higher GC base pairs increases T_m , because , with three hydrogen bonds, require-----heat energy to dissociate than AT base pairs.

Select the correct option

<input type="radio"/>	less	
<input checked="" type="radio"/>	more	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	equal	
<input type="radio"/>	none of the above	

Click to Save Answer & Move to Next Question

Windows taskbar showing 35 Minutes remaining, icons for applications, and system clock at 1:35 AM, 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 8 of 10 (Start time: 01:35:58 AM, 23 February 2021)

Total Marks: 1

The sugar molecule present in nucleotide is

Select the correct option

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

Click to Save Answer & Move to Next Question

Windows taskbar showing 35 Minutes remaining, icons for applications, and system clock at 1:36 AM, 2/23/2021.

Effort By Amaan Khan

VU Medical Zone

BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 9 of 10 (Start time: 01:36:17 AM, 23 February 2021)

Total Marks: 1

ATP is a

Select the correct option

<input type="radio"/>	nucleoside	
<input checked="" type="radio"/>	nucleotide	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	vitamin	
<input type="radio"/>	nucleic acid	

Click to Save Answer & Move to Next Question



BIO202:Quiz no. 3

Quiz Start Time: 01:30 AM, 23 February 2021

Question # 10 of 10 (Start time: 01:36:33 AM, 23 February 2021)

Total Marks: 1

The Tm of DNA is influenced by

Select the correct option

<input type="radio"/>	higher the content of GC base pairs	
<input type="radio"/>	base composition of the DNA	
<input type="radio"/>	salt concentration of the solution	
<input checked="" type="radio"/>	all of above	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 1 of 10 (Start time: 01:49:27 AM, 23 February 2021)

Total Marks: 1

Purine base found in RNA is

Select the correct option

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

Click to Save Answer & Move to Next Question

BIO 202 Quiz no 2....pdf

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BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 2 of 10 (Start time: 01:50:15 AM, 23 February 2021)

Total Marks: 1

Compounds that generate nitrous acid (such as nitrites, nitrates, and nitrosamines) change DNA molecules by:

Select the correct option

<input checked="" type="radio"/>	Breakage of phosphodiester bonds.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Deamination of bases.	
<input type="radio"/>	Depurination.	
<input type="radio"/>	Formation of thymine dimers	

Click to Save Answer & Move to Next Question

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BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 01:49 AM, 23 February 2021

Question # 3 of 10 (Start time: 01:51:18 AM, 23 February 2021)

Total Marks: 1

Under appropriate conditions DNA will form a hybrid with a complementary -----

Select the correct option

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

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BIO202:Quiz no. 3

sec(s)
Quiz Start Time: 01:49 AM, 23 February 2021

Question # 4 of 10 (Start time: 01:51:51 AM, 23 February 2021)

Total Marks: 1

DNA model was presented by Watson and Crick in -----

Select the correct option

<input type="radio"/>	1951	
<input checked="" type="radio"/>	1953	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	1955	
<input type="radio"/>	1957	

Click to Save Answer & Move to Next Question

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BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 5 of 10 (Start time: 01:52:09 AM, 23 February 2021)

Total Marks: 1

Around structural core of the nucleosome, a segment of the DNA double helix is wound nearly twice-approximately -----

Select the correct option

<input type="radio"/>	100bp	
<input type="radio"/>	120bp	
<input checked="" type="radio"/>	140bp	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	160bp	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 1:52 AM on 2/23/2021.

BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 6 of 10 (Start time: 01:52:38 AM, 23 February 2021)

Total Marks: 1

In living cells, nucleotides and their derivatives can serve as:

Select the correct option

<input type="radio"/>	carriers of metabolic energy.	
<input type="radio"/>	enzyme cofactors.	
<input type="radio"/>	intracellular signals.	
<input checked="" type="radio"/>	all of the above	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 7 of 10 (Start time: 01:52:54 AM, 23 February 2021)

Total Marks: 1

Adenosine 3'-phosphate-5'-phosphosulfate is the -----donor

Select the correct option

<input checked="" type="radio"/>	Sulfate	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Phosphate		/
<input type="radio"/>	Adenosine		/
<input type="radio"/>	None		/

Click to Save Answer & Move to Next Question



BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 8 of 10 (Start time: 01:53:29 AM, 23 February 2021)

Total Marks: 1

Nucleotides are composed of

Select the correct option

<input type="radio"/>	A nitrogenous base (purine or pyrimidine)	/	
<input type="radio"/>	A pentose monosaccharide	/	
<input type="radio"/>	One, two, or three phosphate groups	/	
<input checked="" type="radio"/>	All	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



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BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 9 of 10 (Start time: 01:53:58 AM, 23 February 2021)

Total Marks: 1

A short length of DNA molecule has 80 thymine and 80 guanine bases. The total number of nucleotide in the DNA fragment is

Select the correct option

<input type="radio"/>	160	
<input type="radio"/>	40	
<input checked="" type="radio"/>	320	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	640	

Click to Save Answer & Move to Next Question

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BIO202:Quiz no. 3

Quiz Start Time: 01:49 AM, 23 February 2021

Question # 10 of 10 (Start time: 01:54:36 AM, 23 February 2021)

Total Marks: 1

Which of the following is a palindromic sequence?

Select the correct option

<input type="radio"/>	AGGTCC TCCAGG	
<input type="radio"/>	CCTTCC GCAAGG	
<input type="radio"/>	GAATCC CTTAGG	
<input checked="" type="radio"/>	GGATCC CCTAGG	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 3 Hours and 30 M..., Quiz - Google Chr..., and system clock 1:56 AM 2/23/2021.

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