

VU Medical Zone

BIO 202 Midterm 2020 Grand Quizzes

BIO202:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 1 of 30 (Start time: 12:21:30 AM, 27 December 2020)

Total Marks: 1

The most frequently used systematic nomenclature names the fatty acid after the hydrocarbon with -oic being substituted for the final -----

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 2 of 30 (Start time: 12:22:18 AM, 27 December 2020)

Total Marks: 1

The amide group of _____ serves as a site of attachment for oligosaccharide chains in glycoproteins.

Select the correct option

<input type="radio"/>	Serine		/
<input type="radio"/>	Threonine		/
<input type="radio"/>	Asparagine		/
<input checked="" type="radio"/>	All of these	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



Question # 3 of 30 (Start time: 12:22:54 AM, 27 December 2020)

Total Marks: 1

The ion found in the haem group is what-----

Select the correct option

- | | | |
|----------------------------------|------------------|--|
| <input type="radio"/> | Mg ²⁺ | |
| <input type="radio"/> | O ²⁻ | |
| <input checked="" type="radio"/> | Fe ²⁺ | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Fe ³⁺ | |

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



Question # 4 of 30 (Start time: 12:24:49 AM, 27 December 2020)

Total Marks: 1

Hydrogenation of fatty acids leads to hardening of natural oils and formation of margarine because:

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | trans double bonds are converted to cis double bonds | |
| <input type="radio"/> | cis double bonds are converted to trans double bonds | |
| <input checked="" type="radio"/> | double bonds are converted to single bonds | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | single bonds are converted to double bonds | |

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



Question # 5 of 30 (Start time: 12:26:37 AM, 27 December 2020)

Total Marks: 1

Fatty acids are classified on The Basis Of Hydrocarbon Chain Length include

Select the correct option

<input type="radio"/>	Medium Chain Fatty Acids(6-12 C)	
<input type="radio"/>	Short Chain Fatty Acids (2-4 C)	
<input type="radio"/>	Long Chain Fatty Acids (14-18 C)	
<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](#)



Question # 6 of 30 (Start time: 12:27:33 AM, 27 December 2020)

Total Marks: 1

Which of the following form of lipids are also referred as neutral lipids?

Select the correct option

<input type="radio"/>	Triacylglycerol	
<input type="radio"/>	Phospholipid	
<input type="radio"/>	Steroid	
<input checked="" type="radio"/>	Wax	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:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 7 of 30 (Start time: 12:28:08 AM, 27 December 2020)

Total Marks: 1

The following salt is water insoluble

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 8 of 30 (Start time: 12:28:57 AM, 27 December 2020)

Total Marks: 1

Which statement about amino acids at physiological pH is true?

Select the correct option

<input checked="" type="radio"/>	The carboxyl group is dissociated (-COO-) and the amino group is protonated (NH3+).	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	Only the carboxyl group is dissociated (-COO-).		
<input type="radio"/>	Only the amino group is protonated (NH3+).		
<input type="radio"/>	There is no charge on either the carboxyl group or the amino group.		

Click to Save Answer & Move to Next Question



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BIO202:Grand Quiz

sec(s)
Quiz Start Time: 12:21 AM, 27 December 2020

Question # 9 of 30 (Start time: 12:29:50 AM, 27 December 2020)

Total Marks: 1

The sigmoidal binding curve of Hemoglobin for oxygen is possible due to ----- structure of hemoglobin.

Select the correct option

<input checked="" type="radio"/>	multi-subunit	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	single-subunit	

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 12:21 AM, 27 December 2020

Question # 10 of 30 (Start time: 12:30:22 AM, 27 December 2020)

Total Marks: 1

The formation of furfural products and their condensation with organic phenols to give characteristic coloured compounds forms the basis of biochemical tests used for the detection of carbohydrates. An example of such a test is _____.

Select the correct option

<input checked="" type="radio"/>	Molisch's test	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Benedict's test	
<input type="radio"/>	Ninhydrin test	
<input type="radio"/>	Grease spot test	

Click to Save Answer & Move to Next Question



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BIO202:Grand Quiz

SEC(S)
 Quiz Start Time: 12:21 AM, 27 December 2020

Question # 11 of 30 (Start time: 12:31:19 AM, 27 December 2020)

Total Marks: 1

One degradation product of Haemoglobin is the brown bile pigment bilirubin. This step occur in

Select the correct option

<input type="radio"/>	bile	
<input checked="" type="radio"/>	Liver	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Kidney	
<input type="radio"/>	Heart	

▶ Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

TIME LEFT sec(s)
 Quiz Start Time: 12:21 AM, 27 December 2020

Question # 12 of 30 (Start time: 12:32:31 AM, 27 December 2020)

Total Marks: 1

The quaternary structure of human hemoglobin is best described as a

Select the correct option

<input type="radio"/>	dimer of two myoglobin dimers.	
<input checked="" type="radio"/>	tetramer of identical subunits	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	tetramer of four different subunits	
<input type="radio"/>	tetramer of two different subunits	

▶ Click to Save Answer & Move to Next Question



Question # 13 of 30 (Start time: 12:34:31 AM, 27 December 2020)

Total Marks: 1

Degree of Saturation (Y) (%) of Oxygen binding sites on all myoglobin or hemoglobin molecules can be any value between _____.

Select the correct option

- 0 and 1
- 1 and +1
- 0 and 100
Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- None of the above

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



Question # 14 of 30 (Start time: 12:36:04 AM, 27 December 2020)

Total Marks: 1

Immunoglobulin are ----- proteins and have -----and ----- components

Select the correct option

- Catalytic, Variable, Constant
- Protective, Variable, Constant
Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Protective, Non-Variable, Constant
- Enzymatic, Variable, Constant

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



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BIO202:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 15 of 30 (Start time: 12:38:04 AM, 27 December 2020)

Total Marks: 1

The oxygen binding site in hemoglobin and myoglobin?

Select the correct option

<input checked="" type="radio"/>	heme group	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	globin group		/
<input type="radio"/>	Ca+		/
<input type="radio"/>	Mg+		/

Click to Save Answer & Move to Next Question



12:39 AM
27-Dec-20

BIO202:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 16 of 30 (Start time: 12:39:02 AM, 27 December 2020)

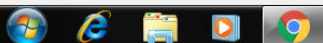
Total Marks: 1

Once a heme group is oxidized, what molecule is produced?

Select the correct option

<input checked="" type="radio"/>	methemoglobin	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	hemoglobin		/
<input type="radio"/>	myoglobin		/
<input type="radio"/>	hemoglobin c		/

Click to Save Answer & Move to Next Question



12:40 AM
27-Dec-20

Question # 17 of 30 (Start time: 12:40:53 AM, 27 December 2020)

Total Marks: 1

_____ is an example of a contractile protein.

Select the correct option

- | | | | |
|----------------------------------|------------|--|---|
| <input checked="" type="radio"/> | Myosin | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Amylase | | / |
| <input type="radio"/> | Hemoglobin | | / |
| <input type="radio"/> | Fibrinogen | | / |

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



Question # 18 of 30 (Start time: 12:41:34 AM, 27 December 2020)

Total Marks: 1

The R group is Hydrogen atom in _____.

Select the correct option

- | | | | |
|----------------------------------|---------|--|---|
| <input type="radio"/> | Lysine | | / |
| <input type="radio"/> | Alanine | | / |
| <input checked="" type="radio"/> | Glycine | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Proline | | / |

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



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sec(s)
Quiz Start Time: 12:21 AM, 27 December 2020

Question # 19 of 30 (Start time: 12:43:08 AM, 27 December 2020)

Total Marks: 1

The three dimensional arrangement of two or more polypeptides is called

Select the correct option

<input type="radio"/>	Primary structure	
<input type="radio"/>	Secondary structure	
<input type="radio"/>	Tertiary structure	
<input checked="" type="radio"/>	Quaternary structure	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



12:44 AM
27-Dec-20
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 12:21 AM, 27 December 2020

Question # 20 of 30 (Start time: 12:44:03 AM, 27 December 2020)

Total Marks: 1

What are the main things responsible for causing the Bohr Shift?

Select the correct option

<input checked="" type="radio"/>	increased carbon dioxide partial pressure	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	increased oxygen requirements	
<input type="radio"/>	increased H ⁺ ions	
<input type="radio"/>	carbon monoxide's high affinity for haemoglobin	

Click to Save Answer & Move to Next Question



12:45 AM
27-Dec-20

VU Medical Zone

BIO202:Grand Quiz

sec(s)
 Quiz Start Time: 12:21 AM, 27 December 2020

Question # 21 of 30 (Start time: 12:45:13 AM, 27 December 2020)

Total Marks: 1

Which type of membrane lipid contains an acidic oligosaccharide?

Select the correct option

- globoside
- phosphatidylinositol
- cerebroside
- ganglioside

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

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



12:46 AM
27-Dec-20

BIO202:Grand Quiz

sec(s)
 Quiz Start Time: 12:21 AM, 27 December 2020

Question # 22 of 30 (Start time: 12:46:51 AM, 27 December 2020)

Total Marks: 1

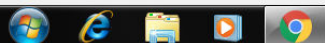
The name of Unsaturated acids with double bonds end in -----

Select the correct option

- enoic
- anoic
- dnoic
- none of above

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

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



12:47 AM
27-Dec-20

VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 12:21 AM, 27 December 2020

Question # 23 of 30 (Start time: 12:47:44 AM, 27 December 2020)

Total Marks: 1

The carbon of the terminal methyl group is called the ----- regardless of the chain length.

Select the correct option

<input type="radio"/>	Alpha	
<input type="radio"/>	Beta	
<input checked="" type="radio"/>	Gamma	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:Grand Quiz

sec(s)
Quiz Start Time: 12:21 AM, 27 December 2020

Question # 24 of 30 (Start time: 12:48:28 AM, 27 December 2020)

Total Marks: 1

Haemoglobin, the red pigment in blood, consists of a protein component and the iron complex of derivative

Select the correct option

<input checked="" type="radio"/>	porphyrin	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Iron	
<input type="radio"/>	Protein	
<input type="radio"/>	Benzene ring	

Click to Save Answer & Move to Next Question



Question # 25 of 30 (Start time: 12:49:28 AM, 27 December 2020)

Total Marks: 1

OxyHemoglobin Dissociation Curve Bohr effect decreased affinity of haemoglobin for gas caused by an increase of carbon dioxide pH etc.

Select the correct option

- | | | | |
|----------------------------------|----------------|--|---|
| <input checked="" type="radio"/> | Oxygen | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Carbon dioxide | | / |
| <input type="radio"/> | Ozone | | / |
| <input type="radio"/> | Nitrogen | | / |

▶ Click to Save Answer & Move to Next Question



Question # 26 of 30 (Start time: 12:51:01 AM, 27 December 2020)

Total Marks: 1

The process by which oxygen enters the blood from the alveoli is

Select the correct option

- | | | | |
|----------------------------------|-----------------------|--|---|
| <input type="radio"/> | facilitated diffusion | | / |
| <input checked="" type="radio"/> | diffusion | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | active transport | | / |
| <input type="radio"/> | none | | / |

▶ Click to Save Answer & Move to Next Question



Question # 27 of 30 (Start time: 12:52:40 AM, 27 December 2020)

Total Marks: 1

The pK2 value for glycine is _____.

Select the correct option

- | | | | |
|----------------------------------|------|--|---|
| <input checked="" type="radio"/> | 2.34 | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | 5.97 | | / |
| <input type="radio"/> | 9.60 | | / |
| <input type="radio"/> | 7.65 | | / |

Click to Save Answer & Move to Next Question



Question # 28 of 30 (Start time: 12:53:52 AM, 27 December 2020)

Total Marks: 1

Current evidence suggests that diet rich in omega 3 fatty acids are beneficial particularly for

Select the correct option

- | | | | |
|----------------------------------|------------------------|--|---|
| <input type="radio"/> | cardiovascular disease | | / |
| <input type="radio"/> | Alzheimer's disease | | / |
| <input type="radio"/> | arthritis | | / |
| <input checked="" type="radio"/> | All of given | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |

Click to Save Answer & Move to Next Question



Question # 29 of 30 (Start time: 12:55:17 AM, 27 December 2020)

Total Marks: 1

During tense stage of haemoglobin the binding sites are -----

Select the correct option

<input checked="" type="radio"/>	hindered	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	opened		/
<input type="radio"/>	closed		/
<input type="radio"/>	replaced		/

Click to Save Answer & Move to Next Question



Question # 30 of 30 (Start time: 12:56:11 AM, 27 December 2020)

Total Marks: 1

Fatty acids produce alkyl alcohols by _____ of carboxylic group.

Select the correct option

<input type="radio"/>	Esterification	/	
<input type="radio"/>	Oxidation	/	
<input checked="" type="radio"/>	Reduction	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Methylation		/

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 1 of 30 (Start time: 03:07:32 AM, 27 December 2020)

Total Marks: 1

The following salt is water soluble

Select the correct option

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

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



BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 2 of 30 (Start time: 03:08:01 AM, 27 December 2020)

Total Marks: 1

The partial pressure of oxygen needed to achieve half-saturation of the binding sites is called -----

Select the correct option

<input checked="" type="radio"/>	P50	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	P60	
<input type="radio"/>	P70	
<input type="radio"/>	none	

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



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 3 of 30 (Start time: 03:08:34 AM, 27 December 2020)

Total Marks: 1

The number of dissociable hydrogen in histidine is _____.

Select the correct option

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

Click to Save Answer & Move to Next Question



3:09 AM
27-Dec-20
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 6 of 30 (Start time: 03:10:22 AM, 27 December 2020)

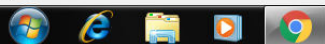
Total Marks: 1

The example of natural porphyrins include -----

Select the correct option

<input type="radio"/>	Cytochrome C	
<input type="radio"/>	Heamoglobin	
<input type="radio"/>	Myoglobin	
<input checked="" type="radio"/>	ALL options are correct	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



3:11 AM
27-Dec-20

Question # 7 of 30 (Start time: 03:11:23 AM, 27 December 2020)

Total Marks: 1

Which would be a property of all the major types of lipids in this membrane?

Select the correct option

- They would be joined to each other through covalent bonds
- They would be saponifiable in base and hydrolyzed in acid.
- They would have polar heads and non-polar tails.
- They would be composed of five-carbon units.

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

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



Question # 8 of 30 (Start time: 03:11:57 AM, 27 December 2020)

Total Marks: 1

Proteins may exist in the form of multi-subunits. An advantage of a multi-subunit structure is that the different subunits can have different activities and cooperate in a common function. This is best understood by the structure of the enzyme _____ which exists as a multi-protein complex.

Select the correct option

- heamoglobin
- ribozyme
- pyruvate dehydrogenase
- Ig A

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

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



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 9 of 30 (Start time: 03:12:29 AM, 27 December 2020)

Total Marks: 1

What is the name of the molecule formed when oxygen binds to haemoglobin?

Select the correct option

<input checked="" type="radio"/>	Oxyhaemoglobin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Carbaminohaemoglobin		/
<input type="radio"/>	Oxyglobin		/
<input type="radio"/>	Oxygen-haemoglobin		/

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 14 of 30 (Start time: 03:14:27 AM, 27 December 2020)

Total Marks: 1

All of the following are involved in stabilizing the three dimensional tertiary structure of proteins except:

Select the correct option

<input checked="" type="radio"/>	glycosidic bonds	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	hydrophobic interactions		/
<input type="radio"/>	disulphide bridges		/
<input type="radio"/>	hydrogen bonds		/

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 15 of 30 (Start time: 03:14:55 AM, 27 December 2020)

Total Marks: 1

Which of the following is found in brain tissue?

Select the correct option

<input type="radio"/>	D-alanine and D-glutamate	
<input checked="" type="radio"/>	Free D-serine and D-aspartate	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Free D-serine and D-alanine	
<input type="radio"/>	Free D-serine and D-glutamate	

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 17 of 30 (Start time: 03:15:51 AM, 27 December 2020)

Total Marks: 1

The proximal histidine F8 of myoglobin binds directly to the ----- of heme group.

Select the correct option

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 21 of 30 (Start time: 03:17:15 AM, 27 December 2020)

Total Marks: 1

The pKa value for acetic acid is _____.

Select the correct option

<input type="radio"/>	3.76		
<input checked="" type="radio"/>	4.76	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	5.76		
<input type="radio"/>	7.66		

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 23 of 30 (Start time: 03:18:08 AM, 27 December 2020)

Total Marks: 1

All kind of lipids are ____ in water.

Select the correct option

<input type="radio"/>	Miscible		
<input type="radio"/>	Soluble		
<input checked="" type="radio"/>	Insoluble	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
<input type="radio"/>	All of given		

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 03:07 AM, 27 December 2020

Question # 27 of 30 (Start time: 03:19:05 AM, 27 December 2020)

Total Marks: 1

The ----- bond formed by covalently joining of two amino acids through amide linkage

Select the correct option

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

Click to Save Answer & Move to Next Question



3:19 AM
27-Dec-20
SEC(S)

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 28 of 30 (Start time: 03:19:31 AM, 27 December 2020)

Total Marks: 1

The second degradation product of haemoglobin is green pigment biliverdin, the result of breakdown by oxidation occurs in -----

Select the correct option

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

Click to Save Answer & Move to Next Question



3:19 AM
27-Dec-20

Question # 29 of 30 (Start time: 03:19:53 AM, 27 December 2020)

Total Marks: 1

The ion found in the haem group is what-----

Select the correct option

<input type="radio"/>	Mg ²⁺	
<input type="radio"/>	O ²⁻	
<input checked="" type="radio"/>	Fe ²⁺	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Fe ³⁺	

Click to Save Answer & Move to Next Question



Question # 30 of 30 (Start time: 03:20:17 AM, 27 December 2020)

Total Marks: 1

Alpha helices are the most common secondary structure found in proteins. Nearly all _____ proteins contain alpha helices in their membrane spanning domains.

Select the correct option

<input checked="" type="radio"/>	trans membrane	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	protective	
<input type="radio"/>	transport	
<input type="radio"/>	globular	

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s) Quiz Start Time: 03:22 AM, 27 December 2020

Question # 3 of 30 (Start time: 03:23:02 AM, 27 December 2020)

Total Marks: 1

Which of the following statements about erythrocytes is correct?

Select the correct option

- | | | | |
|----------------------------------|----------------------------------|--|---|
| <input checked="" type="radio"/> | They lack a nucleus. | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | They clot blood. | | / |
| <input type="radio"/> | They fight infection. | | / |
| <input type="radio"/> | They are produced in the spleen. | | / |

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s) Quiz Start Time: 03:22 AM, 27 December 2020

Question # 7 of 30 (Start time: 03:24:54 AM, 27 December 2020)

Total Marks: 1

Margarines are vegetable oils treated with partial hydrogenation to form semi solid -----

Select the correct option

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 03:22 AM, 27 December 2020

Question # 8 of 30 (Start time: 03:25:33 AM, 27 December 2020)

Total Marks: 1

The net effect of affinity of hemoglobin for the last oxygen bound is approximately ----- times greater than its affinity for the first oxygen bound

Select the correct option

<input checked="" type="radio"/>	300	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	302		/
<input type="radio"/>	301		/
<input type="radio"/>	356		/

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



BIO202:Grand Quiz

Quiz Start Time: 03:22 AM, 27 December 2020

Question # 9 of 30 (Start time: 03:26:17 AM, 27 December 2020)

Total Marks: 1

Some proteins contain additional amino acids that arise by modification of an amino acid already present in a peptide i.e., after the protein has been synthesized. An example of such an amino acid is:

Select the correct option

<input type="radio"/>	lysine		/
<input checked="" type="radio"/>	5-hydroxylysine	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	peptidyl proline		/
<input type="radio"/>	glutamic acid		/

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



VU Medical Zone

BIO202:Grand Quiz

sec(s)
 Quiz Start Time: 03:22 AM, 27 December 2020

Question # 11 of 30 (Start time: 03:28:10 AM, 27 December 2020)

Total Marks: 1

All of the following are true for amino acids EXCEPT:

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | The genetic code specifies and codes for both standard and non-standard amino acids. | |
| <input checked="" type="radio"/> | The side chains of amino acids influence their solubility in water. | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | The carbon atom present between the amino group and carboxyl group in the amino acid is known as α carbon. | |
| <input type="radio"/> | In the formation of a protein, amino acids are joined together by a linkage known as peptide bond. | |

Click to Save Answer & Move to Next Question



3:28 AM
27-Dec-20
Time Left
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 03:22 AM, 27 December 2020

Question # 12 of 30 (Start time: 03:28:51 AM, 27 December 2020)

Total Marks: 1

In myoglobin and hemoglobin, heme is covalently linked with ----- amino acid (eighth residue of F helix)

Select the correct option

- | | | |
|----------------------------------|--------------|--|
| <input checked="" type="radio"/> | histidine F8 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Alanine F8 | |
| <input type="radio"/> | Both | |
| <input type="radio"/> | None of them | |

Click to Save Answer & Move to Next Question



3:29 AM
27-Dec-20

Question # 13 of 30 (Start time: 03:29:50 AM, 27 December 2020)

Total Marks: 1

Identify the amino acids containing nonpolar, aliphatic R groups.

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | Phenylalanine, tyrosine, and tryptophan | |
| <input checked="" type="radio"/> | Glycine, alanine, leucine | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Lysine, arginine, histidine | |
| <input type="radio"/> | Serine, threonine, cysteine | |

Click to Save Answer & Move to Next Question



Question # 1 of 30 (Start time: 01:42:03 AM, 27 December 2020)

Total Marks: 1

The octet rule refers to the tendency of atoms to prefer to have electrons in the valence shell.

Select the correct option

- | | | | |
|----------------------------------|----|--|---|
| <input checked="" type="radio"/> | 8 | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | 9 | | / |
| <input type="radio"/> | 10 | | / |
| <input type="radio"/> | 11 | | / |

Click to Save Answer & Move to Next Question



Question # 2 of 30 (Start time: 01:42:30 AM, 27 December 2020)

Total Marks: 1

What are the components of a triglyceride molecule?

Select the correct option

- | | | | |
|----------------------------------|-----------------------------------|--|---|
| <input checked="" type="radio"/> | One glycerol and three fatty acid | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | One glycerol and two fatty acid | | / |
| <input type="radio"/> | One glycerol and one cholesterol | | / |
| <input type="radio"/> | One glycerol and two cholesterol | | / |

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 3 of 30 (Start time: 01:42:45 AM, 27 December 2020)

Total Marks: 1

Unesterified fatty acids are transported in the circulation in association with -----

Select the correct option

<input checked="" type="radio"/>	Albumin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	Gelatin		//
<input type="radio"/>	Casein		//
<input type="radio"/>	None of above		//

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 4 of 30 (Start time: 01:43:55 AM, 27 December 2020)

Total Marks: 1

The ----- change has no effect on the function of myoglobin.

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 5 of 30 (Start time: 01:44:21 AM, 27 December 2020)

Total Marks: 1

Fatty acids occur in the body mainly as ----- in natural fats and oils.

Select the correct option

- Protein
- Esters
- Oils
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Fatty acid

Click to Save Answer & Move to Next Question



Question # 6 of 30 (Start time: 01:45:14 AM, 27 December 2020)

Total Marks: 1

Haemoglobin, the red pigment in blood, consists of a protein component and the iron complex of derivative

Select the correct option

- porphyrin
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- Iron
- Protein
- Benzene ring

Click to Save Answer & Move to Next Question



Question # 7 of 30 (Start time: 01:45:27 AM, 27 December 2020)

Total Marks: 1

Fats are the _____ of fatty acids and glycerol.

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 8 of 30 (Start time: 01:45:41 AM, 27 December 2020)

Total Marks: 1

During conformational change each successive addition of O₂ shifts the equilibrium further toward the ----- state, thus addition of oxygen in the lungs.

Select the correct option

<input checked="" type="radio"/>	Relaxed state	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	Tense state		//
<input type="radio"/>	relaxed or tense state		//
<input type="radio"/>	No change		//

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:42 AM, 27 December 2020

Question # 9 of 30 (Start time: 01:46:26 AM, 27 December 2020)

Total Marks: 1

The family of polyunsaturated fatty acids (PUFAs) with a double bond between the third and fourth carbon from the methyl end of the chain are of special importance in human -----

Select the correct option

<input type="radio"/>	Mental health	
<input checked="" type="radio"/>	Nutrition	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:42 AM, 27 December 2020

Question # 10 of 30 (Start time: 01:46:57 AM, 27 December 2020)

Total Marks: 1

Approximately how many hemoglobin molecules are there in each red blood cell?

Select the correct option

<input type="radio"/>	30 million	
<input checked="" type="radio"/>	300 million	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	50 million	
<input type="radio"/>	5 million	

Click to Save Answer & Move to Next Question



Question # 11 of 30 (Start time: 01:47:42 AM, 27 December 2020)

Total Marks: 1

Hemoglobin must bind oxygen efficiently in the lungs, where the pO₂ is about ----- mmHg and release oxygen in the tissues, where pO₂ is about---- mmHg

Select the correct option

- 100 and 35 to 40 **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- 50 and 35 to 40
- 60 and 35 to 40
- 40 and 35 to 40

Click to Save Answer & Move to Next Question



Question # 12 of 30 (Start time: 01:48:24 AM, 27 December 2020)

Total Marks: 1

Fetal haemoglobin shifts the oxygen saturation curve in what direction?

Select the correct option

- right and down
- left and down **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**

Click to Save Answer & Move to Next Question



Question # 13 of 30 (Start time: 01:49:45 AM, 27 December 2020)

Total Marks: 1

What happen to red blood cells if the haem group were removed from haemoglobin?

Select the correct option

<input checked="" type="radio"/>	Red blood cells would not be able to bind oxygen.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Red blood cells would not be able to reproduce.		/
<input type="radio"/>	White blood cells would not be able to reproduce.		/
<input type="radio"/>	Blood clot formation would be inhibited.		/

Click to Save Answer & Move to Next Question



Question # 14 of 30 (Start time: 01:50:05 AM, 27 December 2020)

Total Marks: 1

In case of soap micelle the ----- hydrocarbon chain cluster in the inside and ----- carboxylate group lie on the surface

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 15 of 30 (Start time: 01:50:35 AM, 27 December 2020)

Total Marks: 1

Which of the following fatty acids would have the lowest critical micelle concentration -----

Select the correct option

<input checked="" type="radio"/>	C4-COOH	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	C5-COOH		/
<input type="radio"/>	C6-COOH		/
<input type="radio"/>	C8-COOH		/

Click to Save Answer & Move to Next Question



Question # 16 of 30 (Start time: 01:51:09 AM, 27 December 2020)

Total Marks: 1

The melting point of fatty acids depends upon chain length and _____

Select the correct option

<input type="radio"/>	The shape of the fatty acids	/	
<input checked="" type="radio"/>	Degree of unsaturation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	The position of the double bond		/
<input type="radio"/>	Charge on the carbon	/	

Click to Save Answer & Move to Next Question



Question # 17 of 30 (Start time: 01:52:16 AM, 27 December 2020)

Total Marks: 1

The process which convert unsaturated fatty acid to saturated fatty acid -----

Select the correct option

- | | | | |
|----------------------------------|---------------|--|----|
| <input checked="" type="radio"/> | Hydrogenation | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | Glycolysis | | // |
| <input type="radio"/> | Proteolysis | | // |
| <input type="radio"/> | Liquefaction | | // |

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



Question # 18 of 30 (Start time: 01:52:31 AM, 27 December 2020)

Total Marks: 1

Myoglobin is composed of a single polypeptide chain which has _____.

Select the correct option

- | | | | |
|----------------------------------|------------------------|--|----|
| <input checked="" type="radio"/> | One O2 binding site | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | Two O2 binding sites | | // |
| <input type="radio"/> | Three O2 binding sites | | // |
| <input type="radio"/> | Four O2 binding sites | | // |

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



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 19 of 30 (Start time: 01:52:52 AM, 27 December 2020)

Total Marks: 1

The carbon of the terminal methyl group is called the ----- regardless of the chain length.

Select the correct option

<input type="radio"/>	Alpha	
<input type="radio"/>	Beta	
<input checked="" type="radio"/>	Gamma	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:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 20 of 30 (Start time: 01:53:18 AM, 27 December 2020)

Total Marks: 1

Which is a characteristic of all the fatty acid components in this lipid?

Select the correct option

<input type="radio"/>	They all are hydrophilic because they contain oxygen.	
<input type="radio"/>	They all contain an unbranched carbon chain.	
<input type="radio"/>	They all contain unconjugated cis double bonds	
<input checked="" type="radio"/>	They all are joined to glycerol through an ester bond.	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



Question # 21 of 30 (Start time: 01:53:44 AM, 27 December 2020)

Total Marks: 1

Once a heme group is oxidized, what molecule is produced?

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 22 of 30 (Start time: 01:53:59 AM, 27 December 2020)

Total Marks: 1

The two ends of the polypeptide chain are known as the ___ and ___ terminus.

Select the correct option

<input checked="" type="radio"/>	C, N	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	R, S		/
<input type="radio"/>	α , β		/
<input type="radio"/>	D, L		/

Click to Save Answer & Move to Next Question



Question # 23 of 30 (Start time: 01:54:32 AM, 27 December 2020)

Total Marks: 1

Which characteristic does this lipid share with a wax?

Select the correct option

- Both contain one or more carboxyl groups.
- Both contain a polar head
- Both contain three fatty acids. **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- Both contain one or more ester bonds

Click to Save Answer & Move to Next Question



Question # 24 of 30 (Start time: 01:55:43 AM, 27 December 2020)

Total Marks: 1

Motifs are also known as super secondary structures. An example of a motif found in proteins is the _____.

Select the correct option

- β barrel **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- β sheet
- β turns
- α helix

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 01:42 AM, 27 December 2020

Question # 25 of 30 (Start time: 01:56:54 AM, 27 December 2020)

Total Marks: 1

The hydrolysis of starch by the enzyme 'amylase' produces maltose. In the human body, maltose is further hydrolyzed by the enzyme maltase (present in intestinal brush border) to produce _____.

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 26 of 30 (Start time: 01:57:33 AM, 27 December 2020)

Total Marks: 1

All amino acids except _____ have a chiral carbon and have two possible isomers.

Select the correct option

<input type="radio"/>	lysine	
<input type="radio"/>	glycine	
<input type="radio"/>	glutamic acid	
<input checked="" type="radio"/>	tryptophan	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



Question # 27 of 30 (Start time: 01:58:41 AM, 27 December 2020)

Total Marks: 1

Proteins present in cell membrane may function as _____ or transporters.

Select the correct option

- | | | | |
|----------------------------------|------------------|--|---|
| <input checked="" type="radio"/> | receptors | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | hormones | | / |
| <input type="radio"/> | immunoglobulins | | / |
| <input type="radio"/> | storage proteins | | / |

Click to Save Answer & Move to Next Question



Question # 28 of 30 (Start time: 01:59:36 AM, 27 December 2020)

Total Marks: 1

The quaternary structure of human hemoglobin is best described as a

Select the correct option

- | | | | |
|----------------------------------|-------------------------------------|--|---|
| <input type="radio"/> | dimer of two myoglobin dimers. | | / |
| <input checked="" type="radio"/> | tetramer of identical subunits | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | tetramer of four different subunits | | / |
| <input type="radio"/> | tetramer of two different subunits | | / |

Click to Save Answer & Move to Next Question



Question # 29 of 30 (Start time: 01:59:51 AM, 27 December 2020)

Total Marks: 1

Aliphatic polar amino acids are ----- in nature

Select the correct option

<input checked="" type="radio"/>	Hydrophilic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Hydrophobic		/
<input type="radio"/>	Non-reactive		/
<input type="radio"/>	Aromatic ringed tryptophan		/

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



Question # 30 of 30 (Start time: 02:00:08 AM, 27 December 2020)

Total Marks: 1

The names of saturated fatty acids end in one of the following suffixes.

Select the correct option

<input type="radio"/>	-enoic		/
<input type="radio"/>	-ol		/
<input type="radio"/>	-dehyde		/
<input checked="" type="radio"/>	-anoic	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:Grand Quiz

sec(s)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 1 of 30 (Start time: 02:22:08 AM, 27 December 2020)

Total Marks: 1

The strenuous exercise lowers the pO₂ of muscle tissue to about ----- mm Hg hence permitting continued muscular activity

Select the correct option

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

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. System tray shows the time as 2:22 AM on 27-Dec-20. The page header shows 'BIO202:Grand Quiz' and 'Quiz Start Time: 02:22 AM, 27 December 2020'.

Question # 2 of 30 (Start time: 02:23:09 AM, 27 December 2020)

Total Marks: 1

The surface of myoglobin is -----, important for interacting with polar aqueous environment of cytosol.

Select the correct option

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

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. System tray shows the time as 2:23 AM on 27-Dec-20. The page header shows 'BIO202:Grand Quiz' and 'Quiz Start Time: 02:22 AM, 27 December 2020'.

VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 3 of 30 (Start time: 02:23:37 AM, 27 December 2020)

Total Marks: 1

Cholesterol is essential for normal membrane functions because it -----

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | Cannot be made by higher organisms, e.g. mammals. | |
| <input type="radio"/> | Spans the thickness of the bilayer. | |
| <input checked="" type="radio"/> | Keep membrane fluid | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Catalyzes lipid flip-flop in the bilayer | |

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 4 of 30 (Start time: 02:24:55 AM, 27 December 2020)

Total Marks: 1

Fatty acids are carboxylic acids in which length of _____ chains range from 4 to 36 carbons.

Select the correct option

- | | | |
|----------------------------------|----------------|--|
| <input checked="" type="radio"/> | Hydrocarbon | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Polycarbon | |
| <input type="radio"/> | Monosaccharide | |
| <input type="radio"/> | Disaccharides | |

Click to Save Answer & Move to Next Question



Question # 5 of 30 (Start time: 02:25:20 AM, 27 December 2020)

Total Marks: 1

The positions of any _____ in fatty acids are specified relative to the carboxyl carbon by superscript numbers following Δ (delta).

Select the correct option

- | | | |
|----------------------------------|---------------|--|
| <input type="radio"/> | Carbon atom | |
| <input type="radio"/> | Hydrogen atom | |
| <input checked="" type="radio"/> | double bonds | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | R-group | |

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



Question # 6 of 30 (Start time: 02:25:56 AM, 27 December 2020)

Total Marks: 1

Proteins may exist in the form of multi-subunits. An advantage of a multi-subunit structure is that the different subunits can have different activities and cooperate in a common function. This is best understood by the structure of the enzyme _____ which exists as a multi-protein complex.

Select the correct option

- | | | |
|----------------------------------|------------------------|--|
| <input checked="" type="radio"/> | hemoglobin | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | ribozyme | |
| <input type="radio"/> | pyruvate dehydrogenase | |
| <input type="radio"/> | Ig A | |

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



Question # 7 of 30 (Start time: 02:27:16 AM, 27 December 2020)

Total Marks: 1

Myoglobin can bind to four Oxygen molecules because it contains 4 heme groups.

Select the correct option

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

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



Question # 8 of 30 (Start time: 02:27:38 AM, 27 December 2020)

Total Marks: 1

Folic acid aids:

Select the correct option

- In maturation of red blood cells and destruction of RNA.
 - In maturation of red blood cells and is also required for RNA synthesis.
 - In maturation of red blood cells and destruction of DNA.
 - In maturation of red blood cells and is also required for DNA synthesis.
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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



VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 9 of 30 (Start time: 02:29:27 AM, 27 December 2020)

Total Marks: 1

The net charge on alanine in acidic solution (pH less than 2) is _____.

Select the correct option

<input type="radio"/>	Negative	
<input checked="" type="radio"/>	Positive	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Neutral	
<input type="radio"/>	First negative then becomes neutral	

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 10 of 30 (Start time: 02:29:50 AM, 27 December 2020)

Total Marks: 1

The two ends of the polypeptide chain are known as the ____ and ____ terminus.

Select the correct option

<input checked="" type="radio"/>	C, N	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	R, S	
<input type="radio"/>	α, β	
<input type="radio"/>	D, L	

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 11 of 30 (Start time: 02:30:10 AM, 27 December 2020)

Total Marks: 1

The melting properties of fatty acids and lipid bilayers is due primarily to -----

Select the correct option

- | | | |
|----------------------------------|-----------------------------|--|
| <input type="radio"/> | hydrogen bonds. | |
| <input checked="" type="radio"/> | Vander Waals forces | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | electrostatic interactions. | |
| <input type="radio"/> | covalent bonds. | |

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



BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 12 of 30 (Start time: 02:30:59 AM, 27 December 2020)

Total Marks: 1

Micelles of fatty acids in water are organized such that the ___ face the solvent and the ___ are directed toward the interior.

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input checked="" type="radio"/> | Hydrophobic heads; hydrophobic tails | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | hydrocarbon chains; carboxylic acid groups | |
| <input type="radio"/> | hydrophobic tails; hydrophilic heads | |
| <input type="radio"/> | carboxylic acid groups; hydrocarbon chains | |

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



Question # 13 of 30 (Start time: 02:32:39 AM, 27 December 2020)

Total Marks: 1

Which of the following molecules is a typical fatty acid?

Select the correct option

- | | | |
|----------------------------------|--|--|
| <input type="radio"/> | A molecule that has an even number of carbon atoms in a branched chain | |
| <input checked="" type="radio"/> | A polar hydrocarbon with that reacts with NaOH to form a salt. | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | An amphipathic dicarboxylic acid with unconjugated double bonds. | |
| <input type="radio"/> | A molecule that has one cis double bond in a linear carbon chain | |

Click to Save Answer & Move to Next Question



Question # 14 of 30 (Start time: 02:33:36 AM, 27 December 2020)

Total Marks: 1

Which of the following protects our heart and kidneys from injury?

Select the correct option

- | | | |
|----------------------------------|------------|--|
| <input type="radio"/> | Fat | |
| <input type="radio"/> | Muscles | |
| <input type="radio"/> | Skin | |
| <input checked="" type="radio"/> | Lubricants | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question



Question # 15 of 30 (Start time: 02:34:01 AM, 27 December 2020)

Total Marks: 1

Upon reaction with strong acids pentoses produce _____ while hexoses produce _____.

Select the correct option

<input checked="" type="radio"/>	furfural, hydroxy methyl furfural	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	hydroxy methyl furfural, furfural		/
<input type="radio"/>	aldehydes, ketone		/
<input type="radio"/>	deoxy sugars, amino sugars		/

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



Question # 16 of 30 (Start time: 02:34:22 AM, 27 December 2020)

Total Marks: 1

The name of Unsaturated acids with double bonds end in -----

Select the correct option

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

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



VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 17 of 30 (Start time: 02:34:40 AM, 27 December 2020)

Total Marks: 1

The process which convert unsaturated fatty acid to saturated fatty acid -----

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 18 of 30 (Start time: 02:34:59 AM, 27 December 2020)

Total Marks: 1

Histidine is a generally considered to be a ----- amino acid

Select the correct option

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 19 of 30 (Start time: 02:36:32 AM, 27 December 2020)

Total Marks: 1

Eicosanoids are derived from either _____ fatty acids.

Select the correct option

<input type="radio"/>	omega-3 (ω -3)	
<input type="radio"/>	omega-6 (ω -6)	
<input type="radio"/>	none of given	
<input checked="" type="radio"/>	omega-3 (ω -3) or omega-6 (ω -6)	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 20 of 30 (Start time: 02:36:50 AM, 27 December 2020)

Total Marks: 1

Phospholipids frequently have nitrogen containing bases and other substituent are

Select the correct option

<input type="radio"/>	Glycerophospholipids the alcohol is glycerol.	
<input type="radio"/>	Spingophospholipids the alcohol is sphingosine.	
<input type="radio"/>	None of any option	
<input checked="" type="radio"/>	Both	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



Question # 21 of 30 (Start time: 02:37:32 AM, 27 December 2020)

Total Marks: 1

Many proteins have multiple polypeptide subunits (from two to hundreds). A multisubunit protein is also referred to as a multimer. The repeating structural unit in such a multimeric protein is called a _____.

Select the correct option

- | | | | |
|----------------------------------|----------------|--|---|
| <input checked="" type="radio"/> | protomer | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | amino acid | | / |
| <input type="radio"/> | monosaccharide | | / |
| <input type="radio"/> | motif | | / |

Click to Save Answer & Move to Next Question



Question # 22 of 30 (Start time: 02:38:24 AM, 27 December 2020)

Total Marks: 1

Which of the following is a characteristic of both waxes and terpenes?

Select the correct option

- | | | | |
|----------------------------------|------------------------------------|--|---|
| <input type="radio"/> | Both can contain oxygen. | | / |
| <input type="radio"/> | Both can contain an amino alcohol. | | / |
| <input checked="" type="radio"/> | Both can contain a fatty acid. | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Both can be non-saponifiable | | / |

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 23 of 30 (Start time: 02:38:53 AM, 27 December 2020)

Total Marks: 1

In the lungs, the pH of the blood is _____ because CO₂ is being exhaled.

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:22 AM, 27 December 2020

Question # 24 of 30 (Start time: 02:39:34 AM, 27 December 2020)

Total Marks: 1

A molecule bound reversibly by a protein is called a _____.

Select the correct option

<input checked="" type="radio"/>	ligand	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	lysozyme	
<input type="radio"/>	sub-unit	
<input type="radio"/>	chelator	

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 25 of 30 (Start time: 02:39:51 AM, 27 December 2020)

Total Marks: 1

Hemoglobin consists of pairs of different proteins, designated as α and β chains.

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 26 of 30 (Start time: 02:40:27 AM, 27 December 2020)

Total Marks: 1

Once a heme group is oxidized, what molecule is produced?

Select the correct option

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 27 of 30 (Start time: 02:40:53 AM, 27 December 2020)

Total Marks: 1

Which is a characteristic of the lipids in a biological membrane?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | The fatty acids of lipid molecules are found in the interior of the membrane. | |
| <input checked="" type="radio"/> | Specific glycerophospholipids are distributed equally on the two membrane surfaces. | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Lipid molecules are held in fixed positions by non-covalent bonds with proteins | |
| <input type="radio"/> | The fluidity of the membrane decreases with lower levels of saturated fatty acids. | |

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



BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 28 of 30 (Start time: 02:42:07 AM, 27 December 2020)

Total Marks: 1

Which of the following is an imino acid?

Select the correct option

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

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



Question # 29 of 30 (Start time: 02:42:40 AM, 27 December 2020)

Total Marks: 1

Immunoglobulins are _____ in nature.

Select the correct option

- | | | | |
|----------------------------------|---------------|--|---|
| <input checked="" type="radio"/> | Proteins | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Carbohydrates | | / |
| <input type="radio"/> | Lipids | | / |
| <input type="radio"/> | None of these | | / |

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



Question # 30 of 30 (Start time: 02:42:59 AM, 27 December 2020)

Total Marks: 1

Long chain omega-3 fatty acids such as alpha-linolenic acid and their derivatives have _____ effects

Select the correct option

- | | | | |
|----------------------------------|-------------------|--|---|
| <input type="radio"/> | inflammatory | | / |
| <input type="radio"/> | inhibitory | | / |
| <input type="radio"/> | antagonistic | | / |
| <input checked="" type="radio"/> | anti-inflammatory | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |

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



Question # 1 of 30 (Start time: 02:46:33 AM, 27 December 2020)

Total Marks: 1

Based on its structural similarity to other lipids, lipid most likely functions as ----

Select the correct option

- a vitamin required for vision.
- a membrane component. **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- an energy storage molecule
- a sex hormone.

Click to Save Answer & Move to Next Question



Question # 3 of 30 (Start time: 02:48:08 AM, 27 December 2020)

Total Marks: 1

_____ are major structural elements of biological membranes.

Select the correct option

- Proteins
- Phospholipids
- Phospholipids and sterols **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- None of given

Click to Save Answer & Move to Next Question



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BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:46 AM, 27 December 2020

Question # 5 of 30 (Start time: 02:48:52 AM, 27 December 2020)

Total Marks: 1

Lauric acid the saturated fatty acid having ----- carbon atom chain

Select the correct option

<input checked="" type="radio"/>	12	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	13		/
<input type="radio"/>	14		/
<input type="radio"/>	15		/

Click to Save Answer & Move to Next Question



2:49 AM
27-Dec-20
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 02:46 AM, 27 December 2020

Question # 7 of 30 (Start time: 02:49:33 AM, 27 December 2020)

Total Marks: 1

_____ structure of proteins refers to particularly stable arrangements of amino acid residues giving rise to recurring structural patterns.

Select the correct option

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

Click to Save Answer & Move to Next Question



2:50 AM
27-Dec-20

Question # 8 of 30 (Start time: 02:50:13 AM, 27 December 2020)

Total Marks: 1

The iron atom of heme has ----- coordination bonds

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 9 of 30 (Start time: 02:50:39 AM, 27 December 2020)

Total Marks: 1

Sucrose, commonly known as table sugar, is formed by the reaction between glucose (Glc) and fructose (Fru). The glycosidic linkage found in sucrose can be denoted as _____.

Select the correct option

<input type="radio"/>	Glc (α 1 \rightarrow 2 β) Fru		/
<input checked="" type="radio"/>	Glc (α 1 \rightarrow 4 β) Fru	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Fru (α 1 \rightarrow 6 β) Glc		/
<input type="radio"/>	Fru (α 1 \rightarrow 2 β) Glc		/

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:46 AM, 27 December 2020

Question # 10 of 30 (Start time: 02:51:32 AM, 27 December 2020)

Total Marks: 1

Esters of fatty acids with higher molecular weight monohydric alcohols (having one OH group)

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:46 AM, 27 December 2020

Question # 12 of 30 (Start time: 02:52:43 AM, 27 December 2020)

Total Marks: 1

A protein is called a _____ protein if its amino acid composition and molecular conformation are unchanged from that found in natural states.

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 14 of 30 (Start time: 02:53:41 AM, 27 December 2020)

Total Marks: 1

A buffer is a solution that resists change in pH following the addition of an acid or base. Among amino acids, only _____ has an R group (pKa = 6.0) providing significant buffering power near the neutral pH usually found in the intracellular and extracellular fluids of most animals.

Select the correct option

<input checked="" type="radio"/>	histidine	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	glycine		/
<input type="radio"/>	glucose		/
<input type="radio"/>	aspartic acid		/

Click to Save Answer & Move to Next Question



Question # 15 of 30 (Start time: 02:54:16 AM, 27 December 2020)

Total Marks: 1

The 16-carbon saturated fatty acid named as

Select the correct option

<input type="radio"/>	Propionic acid		/
<input type="radio"/>	Butyric acid		/
<input checked="" type="radio"/>	Palmitic acid	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Oleic acid		/

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:46 AM, 27 December 2020

Question # 16 of 30 (Start time: 02:54:38 AM, 27 December 2020)

Total Marks: 1

The enzyme that catalyzes the interchange, or shuffling, of disulfide bonds until the bonds of the native conformation are formed is called:

Select the correct option

<input checked="" type="radio"/>	protein disulfide isomerase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	sulfide dehydrogenase		/
<input type="radio"/>	protease		/
<input type="radio"/>	protein lyase		/

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 02:46 AM, 27 December 2020

Question # 17 of 30 (Start time: 02:55:25 AM, 27 December 2020)

Total Marks: 1

How many amino acids in the β chains of hemoglobin

Select the correct option

<input checked="" type="radio"/>	146	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	141		/
<input type="radio"/>	140		/
<input type="radio"/>	435		/

Click to Save Answer & Move to Next Question



Question # 19 of 30 (Start time: 02:55:59 AM, 27 December 2020)

Total Marks: 1

Sickle cells are very fragile and rupture easily. This results in _____.

Select the correct option

- | | | | |
|----------------------------------|-----------------|--|---|
| <input checked="" type="radio"/> | Anemia | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Blood cancer | | / |
| <input type="radio"/> | Heamophilia | | / |
| <input type="radio"/> | Aplastic anemia | | / |

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



Question # 21 of 30 (Start time: 02:58:12 AM, 27 December 2020)

Total Marks: 1

_____ that is a fatty acid with one double bond and is abbreviated as 18:1.

Select the correct option

- | | | | |
|----------------------------------|---------------------|--|---|
| <input type="radio"/> | Palmitic acid | | / |
| <input type="radio"/> | Glacial acetic acid | | / |
| <input type="radio"/> | Tartaric acid | | / |
| <input checked="" type="radio"/> | Oleic acid | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |

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



Question # 29 of 30 (Start time: 03:00:01 AM, 27 December 2020)

Total Marks: 1

Disulphide bonds are formed between two molecules of the amino acid cysteine. The reaction involves:

Select the correct option

<input checked="" type="radio"/>	oxidation of sulfhydryl groups	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	reduction of sulfhydryl groups		//
<input type="radio"/>	methylation of a carbon		//
<input type="radio"/>	phosphorylation of a carbon		//

Click to Save Answer & Move to Next Question



Question # 30 of 30 (Start time: 03:00:49 AM, 27 December 2020)

Total Marks: 1

Certain proteins that are denatured by heat, extremes of pH, or denaturing reagents can regain their native structure and biological activity if returned to conditions in which the native con-formation is stable. An example is the enzyme ribonuclease A which is denatured in a _____ solution in the presence of a reducing agent.

Select the correct option

<input checked="" type="radio"/>	concentrated urea	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	buffer		//
<input type="radio"/>	normal saline		//
<input type="radio"/>	serum		//

Click to Save Answer & Move to Next Question



Question # 1 of 30 (Start time: 02:02:52 AM, 27 December 2020)

Total Marks: 1

The native conformation of the protein is dependent on its folding patterns. These folding patters are dictated by:

Select the correct option

- | | | | |
|----------------------------------|-------------------------------|--|----|
| <input checked="" type="radio"/> | thermodynamics | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | hydraulics | | // |
| <input type="radio"/> | conformation of peptide bonds | | // |
| <input type="radio"/> | function of protein | | // |

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



Question # 2 of 30 (Start time: 02:03:55 AM, 27 December 2020)

Total Marks: 1

The hydrolysis of starch by the enzyme 'amylase' produces maltose. In the human body, maltose is further hydrolyzed by the enzyme maltase (present in intestinal brush border) to produce _____.

Select the correct option

- | | | | |
|----------------------------------|-------------|--|----|
| <input type="radio"/> | galactose | | // |
| <input checked="" type="radio"/> | glucose | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | maltotrisoe | | // |
| <input type="radio"/> | mannose | | // |

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



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 3 of 30 (Start time: 02:04:15 AM, 27 December 2020)

Total Marks: 1

Which type of membrane lipid contains an acidic oligosaccharide?

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 4 of 30 (Start time: 02:04:29 AM, 27 December 2020)

Total Marks: 1

Which of the following is not a component of a phospholipid?

Select the correct option

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 5 of 30 (Start time: 02:04:46 AM, 27 December 2020)

Total Marks: 1

How many amino acids in the α chain of hemoglobin.

Select the correct option

<input checked="" type="radio"/>	141	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	146	
<input type="radio"/>	543	
<input type="radio"/>	144	

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BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 6 of 30 (Start time: 02:05:07 AM, 27 December 2020)

Total Marks: 1

One degradation product of Haemoglobin is the brown bile pigment called as -----

Select the correct option

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

Click to Save Answer & Move to Next Question

VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 7 of 30 (Start time: 02:05:20 AM, 27 December 2020)

Total Marks: 1

Which statement about amino acids at physiological pH is true?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input checked="" type="radio"/> | The carboxyl group is dissociated (-COO-) and the amino group is protonated (NH3+). | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | Only the carboxyl group is dissociated (-COO-). | |
| <input type="radio"/> | Only the amino group is protonated (NH3+). | |
| <input type="radio"/> | There is no charge on either the carboxyl group or the amino group. | |

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 8 of 30 (Start time: 02:05:34 AM, 27 December 2020)

Total Marks: 1

The carbon atoms in fatty acids are numbered, beginning with the carboxyl carbon as -----

Select the correct option

- | | | |
|----------------------------------|----|--|
| <input checked="" type="radio"/> | C1 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | C2 | |
| <input type="radio"/> | C3 | |
| <input type="radio"/> | C4 | |

Click to Save Answer & Move to Next Question



Question # 9 of 30 (Start time: 02:05:55 AM, 27 December 2020)

Total Marks: 1

A molecule bound reversibly by a protein is called a _____.

Select the correct option

- | | | | |
|----------------------------------|----------|--|---|
| <input checked="" type="radio"/> | ligand | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | lysozyme | | / |
| <input type="radio"/> | sub-unit | | / |
| <input type="radio"/> | chelator | | / |

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



Question # 10 of 30 (Start time: 02:06:26 AM, 27 December 2020)

Total Marks: 1

OxyHemoglobin Dissociation Curve Bohr effect decreased affinity of haemoglobin for _____ gas caused by an increase of carbon dioxide pH etc.

Select the correct option

- | | | | |
|----------------------------------|----------------|--|---|
| <input checked="" type="radio"/> | Oxygen | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Carbon dioxide | | / |
| <input type="radio"/> | Ozone | | / |
| <input type="radio"/> | Nitrogen | | / |

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



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 11 of 30 (Start time: 02:06:44 AM, 27 December 2020)

Total Marks: 1

Protein folding is governed by thermodynamics. The folding process involves a decrease in randomness and thus a decrease in _____.

Select the correct option

- | | | | |
|----------------------------------|---------------------|--|----|
| <input checked="" type="radio"/> | entropy | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | flexibility | | // |
| <input type="radio"/> | stability | | // |
| <input type="radio"/> | interactions formed | | // |

Click to Save Answer & Move to Next Question



2:07 AM
27-Dec-20
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 12 of 30 (Start time: 02:07:26 AM, 27 December 2020)

Total Marks: 1

The characteristic pH at which the net electric charge on amino acid molecule is zero is called _____.

Select the correct option

- | | | | |
|----------------------------------|-------------------|--|----|
| <input type="radio"/> | cationic pH | | // |
| <input checked="" type="radio"/> | isoelectric point | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | // |
| <input type="radio"/> | ampholytic point | | // |
| <input type="radio"/> | anionic point | | // |

Click to Save Answer & Move to Next Question



2:07 AM
27-Dec-20

VU Medical Zone

BIO202:Grand Quiz

TIME LEFT sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 13 of 30 (Start time: 02:07:59 AM, 27 December 2020)

Total Marks: 1

Eicosanoids are derived from either _____ fatty acids.

Select the correct option

<input type="radio"/>	omega-3 (ω -3)	
<input type="radio"/>	omega-6 (ω -6)	
<input type="radio"/>	none of given	
<input checked="" type="radio"/>	omega-3 (ω -3) or omega-6 (ω -6)	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

TIME LEFT sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 14 of 30 (Start time: 02:08:41 AM, 27 December 2020)

Total Marks: 1

Electrostatic interactions help stabilize the three dimensional tertiary structure of proteins. These interactions are formed as a result of ionic bonds formed between the positively and negatively charged amino acids. The positive charges are usually present on _____ amino acids.

Select the correct option

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAANKHAN

VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 15 of 30 (Start time: 02:09:39 AM, 27 December 2020)

Total Marks: 1

The process by which oxygen enters the blood from the alveoli is

Select the correct option

- facilitated diffusion
- diffusion **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- active transport
- none

Click to Save Answer & Move to Next Question



2:09 AM
27-Dec-20
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 16 of 30 (Start time: 02:09:51 AM, 27 December 2020)

Total Marks: 1

The conformational change of hemoglobin is usually described as changing from T (Tense) state to R (Relaxed) state with a low affinity for Oxygen.

Select the correct option

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

Click to Save Answer & Move to Next Question



2:10 AM
27-Dec-20

VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 17 of 30 (Start time: 02:10:36 AM, 27 December 2020)

Total Marks: 1

A loss of three-dimensional structure sufficient to cause loss of function of the protein is called _____.

Select the correct option

<input checked="" type="radio"/>	denaturation	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	catalysis		/
<input type="radio"/>	reactivation		/
<input type="radio"/>	misfolding		/

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 18 of 30 (Start time: 02:10:53 AM, 27 December 2020)

Total Marks: 1

β Sheets are a type of regular secondary structure that maximizes hydrogen bonding between the peptide backbones. The sheet is described as _____ if the polypeptide strands run in the same direction (as defined by their amino and carboxy terminals).

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 19 of 30 (Start time: 02:11:41 AM, 27 December 2020)

Total Marks: 1

Apart from the 20 standard amino acids, some other amino acids may also be synthesized and become a part of the protein. An example of such an amino acid is _____, which is a naturally occurring, genetically coded amino acid used by some methanogenic archaea.

Select the correct option

<input checked="" type="radio"/>	pyrrolysine	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	phenylalanine		/
<input type="radio"/>	aspartic acid		/
<input type="radio"/>	sialic acid		/

Click to Save Answer & Move to Next Question



Question # 20 of 30 (Start time: 02:12:11 AM, 27 December 2020)

Total Marks: 1

Oxygen stored in red muscle myoglobin is released during O2 deprivation (e.g. severe exercise) to be used in muscle mitochondria for _____.

Select the correct option

<input checked="" type="radio"/>	Aerobic synthesis of ATP molecules	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Anaerobic synthesis of ATP molecules		/
<input type="radio"/>	Aerobic synthesis of more O2		/
<input type="radio"/>	Anaerobic synthesis of more CO2		/

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 21 of 30 (Start time: 02:12:41 AM, 27 December 2020)

Total Marks: 1

The form of an amino acid that has both a positive and a negative charge is called a _____.

Select the correct option

<input checked="" type="radio"/>	zwitterion	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	non-ionic		/
<input type="radio"/>	cation		/
<input type="radio"/>	anion		/

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 22 of 30 (Start time: 02:13:08 AM, 27 December 2020)

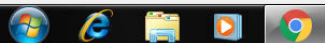
Total Marks: 1

The surface of myoglobin is polar, important for interacting with----- aqueous environment of cytosol.

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 23 of 30 (Start time: 02:13:20 AM, 27 December 2020)

Total Marks: 1

Clusters of twisted strands of β -sheet form the core of many _____ proteins.

Select the correct option

- fibrous
- globular **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- collagenous
- structural

Click to Save Answer & Move to Next Question



Question # 24 of 30 (Start time: 02:13:49 AM, 27 December 2020)

Total Marks: 1

The 18-carbon with one double bond named as

Select the correct option

- Palmitic acid
- Propionic acid
- Oleic acid **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- Butyric acid

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 25 of 30 (Start time: 02:14:18 AM, 27 December 2020)

Total Marks: 1

Fats are abundantly found in

Select the correct option

<input checked="" type="radio"/>	Reproductive tissue	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Vegetative tissue	

Click to Save Answer & Move to Next Question



2:14 AM

27-Dec-20

BIO202:Grand Quiz

Quiz Start Time: 02:02 AM, 27 December 2020

Question # 26 of 30 (Start time: 02:15:05 AM, 27 December 2020)

Total Marks: 1

Cis-9-hexadecenoic acid, that is a fatty Acid with nutritional significance is commonly known as _____ acid

Select the correct option

<input type="radio"/>	Oleic	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Palmitic	
<input checked="" type="radio"/>	Palmitoleic	
<input type="radio"/>	None of given	

Click to Save Answer & Move to Next Question



2:15 AM

27-Dec-20

Question # 27 of 30 (Start time: 02:15:36 AM, 27 December 2020)

Total Marks: 1

The quaternary structure of human hemoglobin is best described as a

Select the correct option

- dimer of two myoglobin dimers.
- tetramer of identical subunits
- tetramer of four different subunits
- tetramer of two different subunits

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

Click to Save Answer & Move to Next Question



Question # 28 of 30 (Start time: 02:15:48 AM, 27 December 2020)

Total Marks: 1

hemoglobin binds O2 molecules.

Select the correct option

- Four
- two
- one
- five

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 29 of 30 (Start time: 02:16:03 AM, 27 December 2020)

Total Marks: 1

Upon reaction with strong acids pentoses produce _____ while hexoses produce _____.

Select the correct option

<input checked="" type="radio"/>	furfural, hydroxy methyl furfural	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input type="radio"/>	hydroxy methyl furfural, furfural		//
<input type="radio"/>	aldehydes, ketone		//
<input type="radio"/>	deoxy sugars, amino sugars		//

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 02:02 AM, 27 December 2020

Question # 30 of 30 (Start time: 02:16:46 AM, 27 December 2020)

Total Marks: 1

Fatty acids are found in the unesterified form as -----, a transport form in the plasma.

Select the correct option

<input type="radio"/>	Oils	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	//
<input checked="" type="radio"/>	free fatty acids		//
<input type="radio"/>	Esters		//
<input type="radio"/>	Bounded fatty acids		//

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 1 of 30 (Start time: 01:16:01 AM, 27 December 2020)

Total Marks: 1

The ----- gas is used for aerobic synthesis of ATP in muscle mitochondria during the case of severe exercise

Select the correct option

<input checked="" type="radio"/>	Oxygen	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Carbon dioxide		/
<input type="radio"/>	ozone		/
<input type="radio"/>	none		/

Click to Save Answer & Move to Next Question



1:16 AM
27-Dec-20
sec(s)

BIO202:Grand Quiz

Quiz Start Time: 01:15 AM, 27 December 2020

Question # 2 of 30 (Start time: 01:16:41 AM, 27 December 2020)

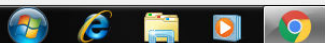
Total Marks: 1

D-amino acids are also non standard amino acids that occur naturally. Which of the following D-amino acid is found in the cell wall of Gram positive bacteria?

Select the correct option

<input checked="" type="radio"/>	D-alanine	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	5-hydroxy lysine		/
<input type="radio"/>	D-serine		/
<input type="radio"/>	cysteine		/

Click to Save Answer & Move to Next Question



1:17 AM
27-Dec-20

VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 3 of 30 (Start time: 01:17:17 AM, 27 December 2020)

Total Marks: 1

What is the solubility of lipids in water?

Select the correct option

<input type="radio"/>	Partially soluble	
<input type="radio"/>	Soluble	
<input checked="" type="radio"/>	Insoluble	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Partially insoluble	

Click to Save Answer & Move to Next Question



1:17 AM
27-Dec-20

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 4 of 30 (Start time: 01:17:34 AM, 27 December 2020)

Total Marks: 1

The net charge on alanine in acidic solution (pH less than 2) is _____.

Select the correct option

<input type="radio"/>	Negative	
<input checked="" type="radio"/>	Positive	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Neutral	
<input type="radio"/>	First negative then becomes neutral	

Click to Save Answer & Move to Next Question



1:18 AM
27-Dec-20

VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 5 of 30 (Start time: 01:18:38 AM, 27 December 2020)

Total Marks: 1

The cervice (Pocket)created by ----- amino acids in the interior of myoglobin create a binding pocket for heme.

Select the correct option

<input type="radio"/>	Polar	
<input checked="" type="radio"/>	Non-polar	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	Basic	
<input type="radio"/>	Acidic	

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 6 of 30 (Start time: 01:19:32 AM, 27 December 2020)

Total Marks: 1

The surface of myoglobin is polar, important for interacting with----- aqueous environment of cytosol.

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 7 of 30 (Start time: 01:20:01 AM, 27 December 2020)

Total Marks: 1

All of the following are true for lactose EXCEPT:

Select the correct option

- It is a reducing sugar.
- It is found abundantly in grape juice. **Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- It is dextrorotatory.
- It is made up of galactose and glucose.

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

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. System tray shows the time as 1:20 AM on 27-Dec-20.

Question # 8 of 30 (Start time: 01:20:43 AM, 27 December 2020)

Total Marks: 1

Catalytic proteins are called as -----

Select the correct option

- Amino group proteins
- Enzymes **Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- Catalysts
- Carbon R chain groups

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

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. System tray shows the time as 1:21 AM on 27-Dec-20.

VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 9 of 30 (Start time: 01:21:12 AM, 27 December 2020)

Total Marks: 1

The name of saturated acids end in -----

Select the correct option

<input checked="" type="radio"/>	anoic	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	enoic		/
<input type="radio"/>	dnoic		/
<input type="radio"/>	none		/

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 10 of 30 (Start time: 01:21:45 AM, 27 December 2020)

Total Marks: 1

In contrast to myoglobin hemoglobin can bind ----- oxygen molecules-one at each of its heme group

Select the correct option

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 11 of 30 (Start time: 01:22:23 AM, 27 December 2020)

Total Marks: 1

Which of the following occurs when hydrogen is reacted with vegetable oil?

Select the correct option

- | | | |
|----------------------------------|---|--|
| <input type="radio"/> | The hydrogenated vegetable oil will contain fewer Tran's fats. | |
| <input type="radio"/> | The hydrogenated vegetable oil will become solid at room temperature. | |
| <input type="radio"/> | The hydrogenated vegetable oil will become polarized. | |
| <input checked="" type="radio"/> | The hydrogenated vegetable oil will become a saturated fat. | 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, File Explorer, and Google Chrome. System tray shows the time as 1:22 AM on 27-Dec-20.

BIO202:Grand Quiz

SEC(S)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 12 of 30 (Start time: 01:23:12 AM, 27 December 2020)

Total Marks: 1

The folding of contiguous segments of polypeptide form secondary structure of protein

Select the correct option

- | | | |
|----------------------------------|-------|--|
| <input type="radio"/> | 3-20 | |
| <input checked="" type="radio"/> | 3-30 | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | 3-300 | |
| <input type="radio"/> | 20 | |

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. System tray shows the time as 1:23 AM on 27-Dec-20.

VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 13 of 30 (Start time: 01:23:47 AM, 27 December 2020)

Total Marks: 1

Which of the following protects our heart and kidneys from injury?

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 01:15 AM, 27 December 2020

Question # 14 of 30 (Start time: 01:24:48 AM, 27 December 2020)

Total Marks: 1

The three dimensional arrangement of two or more polypeptides is called

Select the correct option

<input type="radio"/>	Primary structure	
<input type="radio"/>	Secondary structure	
<input type="radio"/>	Tertiary structure	
<input checked="" type="radio"/>	Quaternary structure	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 01:15 AM, 27 December 2020

Question # 15 of 30 (Start time: 01:25:08 AM, 27 December 2020)

Total Marks: 1

During reversible binding of protein the blood pH consequently rises, the affinity of haemoglobin for oxygen increases and the protein binds more O₂ for transport to the -----

Select the correct option

<input checked="" type="radio"/>	Peripheral tissues.	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Lung		/
<input type="radio"/>	Heart		/
<input type="radio"/>	Kidney		/

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



BIO202:Grand Quiz

Quiz Start Time: 01:15 AM, 27 December 2020

Question # 16 of 30 (Start time: 01:25:48 AM, 27 December 2020)

Total Marks: 1

Storage proteins have the ability to bind and store specific elements or compounds. _____ is an example of a storage protein that stores copper.

Select the correct option

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

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



VU Medical Zone

BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 17 of 30 (Start time: 01:27:40 AM, 27 December 2020)

Total Marks: 1

This effect of pH and CO₂ concentration on the binding and release of oxygen by haemoglobin is called the -----

Select the correct option

<input checked="" type="radio"/>	Bohr effect	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	Nelson effect		/
<input type="radio"/>	Nucleus effect		/
<input type="radio"/>	Electron removal		/

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 18 of 30 (Start time: 01:28:06 AM, 27 December 2020)

Total Marks: 1

The following sterol is present in the cell membrane of fungi?

Select the correct option

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

Click to Save Answer & Move to Next Question



Question # 19 of 30 (Start time: 01:29:07 AM, 27 December 2020)

Total Marks: 1

A plot of degree of saturation (Y) measured at different partial pressures of oxygen (pO₂) is called -----

Select the correct option

- | | | | |
|----------------------------------|-----------------------------|--|---|
| <input checked="" type="radio"/> | Oxygen dissociation curve | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | Carbon dissociation curve | | / |
| <input type="radio"/> | Nitrogen dissociation curve | | / |
| <input type="radio"/> | None | | / |

Click to Save Answer & Move to Next Question



Question # 20 of 30 (Start time: 01:29:44 AM, 27 December 2020)

Total Marks: 1

Osazones are obtained by adding a mixture of phenyl hydrazine hydrochloride and sodium acetate to a sugar solution and heating in water bath for 45 mins. Which two carbon atoms in the sugar molecule are involved in osazone formation?

Select the correct option

- | | | | |
|----------------------------------|-----------|--|---|
| <input checked="" type="radio"/> | C1 and C2 | Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com | / |
| <input type="radio"/> | C1 and C6 | | / |
| <input type="radio"/> | C1 and C4 | | / |
| <input type="radio"/> | C3 and C5 | | / |

Click to Save Answer & Move to Next Question



Question # 21 of 30 (Start time: 01:30:07 AM, 27 December 2020)

Total Marks: 1

Esters of fatty acids containing groups in addition to an alcohol and a fatty acid called as

Select the correct option

- Derived lipid
- Complex lipids
- Simple lipid
- None

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

Click to Save Answer & Move to Next Question



Question # 22 of 30 (Start time: 01:30:46 AM, 27 December 2020)

Total Marks: 1

Excess iron has a significant affinity for specific organs, particularly:

Select the correct option

- The lungs, liver and endocrine glands.
- The heart, liver and endocrine glands.
- endocrine glands.
- Liver only

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

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO202:Grand Quiz

1:15 AM sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 23 of 30 (Start time: 01:32:04 AM, 27 December 2020)

Total Marks: 1

Cis-9-hexadecenoic acid, that is a fatty Acid with nutritional significance is commonly known as _____ acid

Select the correct option

<input type="radio"/>	Oleic	
<input type="radio"/>	Palmitic	
<input checked="" type="radio"/>	Palmitoleic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	None of given	

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

1:32 AM
27-Dec-20
sec(s)
Quiz Start Time: 01:15 AM, 27 December 2020

Question # 24 of 30 (Start time: 01:32:54 AM, 27 December 2020)

Total Marks: 1

Which statement about Non-polar aliphatic amino acids is FALSE?

Select the correct option

<input type="radio"/>	They have side chains that do not bind or give off protons.	
<input type="radio"/>	They are lipid-like and promote hydrophobic interactions.	
<input type="radio"/>	The side chains often cluster towards the interior of the protein.	
<input checked="" type="radio"/>	They form hydrogen bonds abundantly.	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



Question # 25 of 30 (Start time: 01:33:32 AM, 27 December 2020)

Total Marks: 1

Out of 20 standard amino acids, _____ contains a secondary amino group and is called an imino acid.

Select the correct option

<input checked="" type="radio"/>	proline	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
<input type="radio"/>	serine		/
<input type="radio"/>	methionine		/
<input type="radio"/>	histidine		/

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



Question # 26 of 30 (Start time: 01:34:17 AM, 27 December 2020)

Total Marks: 1

Current evidence suggests that diet rich in omega 3 fatty acids are beneficial particularly for

Select the correct option

<input type="radio"/>	cardiovascular disease		/
<input type="radio"/>	Alzheimer's disease		/
<input type="radio"/>	arthritis		/
<input checked="" type="radio"/>	All of given	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

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



VU Medical Zone

BIO202:Grand Quiz

Quiz Start Time: 01:15 AM, 27 December 2020

Question # 27 of 30 (Start time: 01:34:37 AM, 27 December 2020)

Total Marks: 1

Margarines are vegetable -----

Select the correct option

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

Click to Save Answer & Move to Next Question



BIO202:Grand Quiz

Quiz Start Time: 01:15 AM, 27 December 2020

Question # 28 of 30 (Start time: 01:34:59 AM, 27 December 2020)

Total Marks: 1

The main difference between saturated and unsaturated fatty acids is -----

Select the correct option

<input type="radio"/>	The number of carbons		/
<input type="radio"/>	The presence of keto group		/
<input type="radio"/>	That one is absent from phospholipids.		/
<input checked="" type="radio"/>	The presence of double bond	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



Question # 29 of 30 (Start time: 01:35:22 AM, 27 December 2020)

Total Marks: 1

Fatty acids that occur in natural fats usually contain an even number of carbon atoms ranging from ----- to ----- carbons

Select the correct option

- 3 to 67
- 4 to 36 **Answer Solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com**
- 2 to 38
- 3 to 37

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



Question # 30 of 30 (Start time: 01:37:19 AM, 27 December 2020)

Total Marks: 1

Almost all peptide bonds in a protein are present in the _____ configuration.

Select the correct option

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

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

