VU MEDICAL ZONE

BIO 201 Midterm Grand Quiz Fall 2020

BIO201:Grand Quiz

Quiz Start Time: 11:37 PM, 28 December 2020

Question # 1 of 30 (Start time: 11:37:39 PM, 28 December 2020) **Total Marks: 1**

The general formula of carbohydrates is

Select the correct option

- [x] CH2O

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

- [ ] CHO2
- [ ] C2HO
- [ ] C2H2O2

Click to Save Answer & Move to Next Question

BIO201:Grand Quiz

Quiz Start Time: 11:37 PM, 28 December 2020

Question # 2 of 30 (Start time: 11:38:10 PM, 28 December 2020) **Total Marks: 1**

The catalytic unit of RNA polymerases when placed properly during initiation is just over _____

Select the correct option

- [ ] -1 site
- [ ] 0 site
- [x] +1 site

Answer solved by Amaan Khan
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Email: maniamaan2@gmail.com

- [ ] - 10 site

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11:39 PM

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 3 of 30 (Start time: 11:39:57 PM, 28 December 2020)

Total Marks: 1

The larger subunits of ribosome contain ---number of rRNA

Select the correct option

1

2

3

Answer solved by Amaan Khan
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4

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11:40 PM
28-Dec-20

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 5 of 30 (Start time: 11:41:16 PM, 28 December 2020)

Total Marks: 1

Bacteriophage is---

Select the correct option

- [x] Virus

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- [ ] Bacteria
- [ ] Fungi
- [ ] Parasite

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 6 of 30 (Start time: 11:41:56 PM, 28 December 2020)

Total Marks: 1

Redundant in codon means-----

Select the correct option

- [ ] More than one codon specify one amino acids
- [x] One codon specify more than one amino acids

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- [ ] 10 amino acids encoded by one codon
- [ ] 20 amino acids encoded by one codon

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 7 of 30 (Start time: 11:42:51 PM, 28 December 2020)

Total Marks: 1

Which of the following are examples of monosaccharide?

Select the correct option

- [x] Glucose

Answer solved by Amaan Khan
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- [ ] Glycogen
- [ ] Cellulose
- [ ] Sucrose

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 8 of 30 (Start time: 11:43:28 PM, 28 December 2020)

Total Marks: 1

Translation consists of ---steps

Select the correct option

- [ ] 1
- [ ] 2
- [x] 3

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Contact: 0305-4716616
Email: maniamaan2@gmail.com

- [ ] 4

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 9 of 30 (Start time: 11:44:30 PM, 28 December 2020)

Total Marks: 1

Cutting of plasmid and inserting foreign gene into it is done in–

Select the correct option

- [x] Genetic engineering

Answer solved by Amaan Khan
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Email: maniamaan2@gmail.com

- [ ] Biotechnology
- [ ] Molecular genetics
- [ ] Biochemistry

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 10 of 30 (Start time: 11:45:08 PM, 28 December 2020)

Total Marks: 1

Which of the following are characters of turner syndrome

Select the correct option

- [ ] Lymphoedema
- [ ] Broad chest
- [ ] Short stature
- [x] All mentioned

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 13 of 30 (Start time: 11:49:22 PM, 28 December 2020) **Total Marks: 1**

Genes are located in the nucleus and tangled charamatin material wrapped around histones in .....

Select the correct option

- Eukaryotes
- Prokaryotes
- Eukarotes and Prokaryotes
- Cyanobacteria

Answer solved by Amaan Khan
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Email: maniamaan2@gmail.com

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Time Left sec(s)

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 14 of 30 (Start time: 11:49:44 PM, 28 December 2020) **Total Marks: 1**

Alkaptonuria is more prevalent in case of cousin marriage and has percentage

Select the correct option

- 10%
- 12.5%
- 13%
- 19%

Answer solved by Amaan Khan
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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 15 of 30 (Start time: 11:50:10 PM, 28 December 2020) **Total Marks: 1**

-----site on ribosome where charged tRNA lands with the help of transfer factor

Select the correct option

- E site
- T site

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

- A site
- P site

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 16 of 30 (Start time: 11:50:55 PM, 28 December 2020) **Total Marks: 1**

An excision repair mechanism removes abnormal bases formed by -------

Select the correct option

- Chemical damage

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Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Physical damage
- UV damage
- Mutation

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 18 of 30 (Start time: 11:51:39 PM, 28 December 2020) **Total Marks: 1**

Bond between two hydrogen is-----

Select the correct option

- [x] Covalent bond

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- [ ] Coordinate covalent bond
- [ ] Metallic bond
- [ ] Ionic bond

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 19 of 30 (Start time: 11:52:06 PM, 28 December 2020) **Total Marks: 1**

DNA wraps around protein forming _____ structure

Select the correct option

- [ ] Gene
- [x] Nucleosome

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Email: maniamaan2@gmail.com

- [ ] Chromatin
- [ ] Chromosome

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 20 of 30 (Start time: 11:52:22 PM, 28 December 2020)

Total Marks: 1

Stitching two different DNAs together is

Select the correct option

- Transcription
- Translation
- Genetic engineering

Answer solved by Amaan Khan
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- Replication

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 21 of 30 (Start time: 11:53:44 PM, 28 December 2020)

Total Marks: 1

Delta G (Tangent free energy)tells us the ....

Select the correct option

- Products quantity at the end of the reaction
- Speed of the reaction
- initial quantity of reactants before the start of reaction
- equilibrium point of the reaction

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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 22 of 30 (Start time: 11:54:42 PM, 28 December 2020)

Total Marks: 1

In a bacterial operon, which is located downstream of the structural genes?

Select the correct option

- [x] operator

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- [ ] inducer
- [ ] promoter
- [ ] regulatory gene

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 23 of 30 (Start time: 11:56:14 PM, 28 December 2020)

Total Marks: 1

Peptide bond is linkage between ---- and ---- form proteins

Select the correct option

- [ ] Carbon,hydrogen
- [x] Carbon ,nitrogen

Answer solved by Amaan Khan
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- [ ] Carbon ,oxygen
- [ ] Carbon ,sulphur

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 24 of 30 (Start time: 11:56:27 PM, 28 December 2020) **Total Marks: 1**

Which cation is placed in the catalytic subunit of RNA polymerase?

Select the correct option

- Zn2+
- Mn2+
- Mg2+

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- Fe3+

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 25 of 30 (Start time: 11:57:41 PM, 28 December 2020) **Total Marks: 1**

An enzyme that can separate the two DNA strand is----

Select the correct option

- Helicase

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- DNA polymerase
- RNA polymerase
- DNA polymerase II

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 26 of 30 (Start time: 11:57:54 PM, 28 December 2020)

Total Marks: 1

Head domain of phospholipids is---

Select the correct option

- (●) Hydrophilic

Answer solved by Amaan Khan
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Email: maniamaan2@gmail.com

- ( ) Hydrophobic
- ( ) Amphiphatic
- ( ) Protein

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 27 of 30 (Start time: 11:58:39 PM, 28 December 2020)

Total Marks: 1

How many dollars were spent on human genome sequence?

Select the correct option

- ( ) 6 billion U.S dollar
- ( ) 5 billion U.S dollar
- ( ) 4billion U.S dollar
- (●) 2.7 billion U.S dollar

Answer solved by Amaan Khan
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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 28 of 30 (Start time: 11:59:41 PM, 28 December 2020)

Total Marks: 1

Mendal studies how many characters of pisum sativum

Select the correct option

- 6
- 7
- 8
- 5

Answer solved by Amaan Khan
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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 29 of 30 (Start time: 11:59:59 PM, 28 December 2020)

Total Marks: 1

_____ type of transport does not require any input of energy to drive the process

Select the correct option

- Passive Transport

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Email: maniamaan2@gmail.com

- Active transport
- Diffusion
- Effusion

Click to Save Answer & Move to Next Question



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Quiz Start Time: 11:37 PM, 28 December 2020

Question # 30 of 30 (Start time: 12:00:14 AM, 29 December 2020)

Total Marks: 1

RFLP involves

Select the correct option

- used to identify a specific protein
- Used to identify a specific RNA
- Used to identify a specific DNA
- Used to identify a specific lipid

Answer solved by Amaan Khan
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