

VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

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WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



Question # 2 of 30 (Start time: 03:22:41 PM, 26 June 2021)

Total Marks: 1

Very low amount of DNA can be measured by using----

Select the correct option

[Reload Math Equations](#)

☒	PCR
☐	Neutralization
☐	ELISA
☐	Precipitation reaction

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Total Marks: 1

Question # 3 of 30 (Start time: 03:23:28 PM, 26 June 2021)

How much time was taken to sequence DNA in Human Genome Project?

Reload Math Equations

Select the correct option

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13 years

15 years

19 years

14 Years

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Question # 9 of 30 (Start time: 03:29:05 PM, 26 June 2021)

Total Marks: 1

Which sequence present at tip of chromosome and repeatedly present

Select the correct option

☐	TTGGG
☒	TTAGGG
☐	AATTCG
☐	CCTTGA

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Question # 10 of 30 (Start time: 03:29:27 PM, 26 June 2021)

Total Marks: 1

The most abundant molecule in cell are:-

Select the correct option:

Reload Math Equations

☒	Proteins
☐	Lipids
☐	Carbohydrates
☐	Vitamins

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Question # 8 of 30 (Start time: 03:27:44 PM, 26 June 2021)

Total Marks: 1

TTAGGG present on tips of chromosomes and, repeated

Select the correct option:

☐	400 times only
☐	4500 times
☒	3000 times
☐	2500 times

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Question # 17 of 30 (Start time: 03:33:27 PM, 26 June 2021)

Total Marks: 1

Arrangement of multiple folded protein molecules in a multi subunit complex is called —

Select the correct option

[Reload Math Equations](#)

☒	Quaternary structure
☐	Tertiary structure
☐	Secondary structure
☐	Primary structure

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Question # 15 of 30 (Start time: 03:32:19 PM, 26 June 2021)

Total Marks: 1

Which of the following are examples of monosaccharide?

Select the correct option

[Reload Math Equations](#)

☐	Sucrose
☐	Cellulose
☐	Glycogen
☒	Glucose

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Question # 7 of 30 (Start time: 03:26:06 PM, 26 June 2021)

Total Marks: 1

If reporter and quencher are adjacent to each other they ----- produce light.

Select the correct option

[Reload Math Equations](#)

☐	will produce
☐	will not produce
☐	small amount of light produced
☒	may or may not

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

Total Marks: 1

Eacteriophage is---

Select the correct option

☒	Virus	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922	
☐	Bacteria		
☐	Fungi		
☐	Parasite		

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Question # 27 of 30 (Start time: 03:37:51 PM, 26 June 2021)

Total Marks: 1

RNA polymerase opens ---base pairs at a time:

Select the correct option:

[Reload Math Equations](#)

40bp



30bp



25bp



20bp

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

Question # 22 of 30 (Start time: 03:35:56 PM, 26 June 2021)

Total Marks: 1

Mendel did not observe linkage due to...

Select the correct option



Independent assortment



Crossing over



Linkage



Synapses

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Question # 26 of 30 (Start time: 03:37:33 PM, 26 June 2021)

Total Marks: 1

In DNA, correct base pairing occur between---

Select the correct option

☒	AT,GC	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922
☐	CT,AG	
☐	AC,UT	
☐	AC,GT	

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Question # 28 of 30 (Start time: 03:38:15 PM, 26 June 2021)

Total Marks: 1

Which syndrome is linked to age of mother?

Select the correct option:

☒	Down syndrome	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922	
☐	Turner Syndrome		
☐	Klinefelter Syndrome		
☐	Hepatitis		

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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	
☒	One codon specify more than one amino acids	
☐	10 amino acids encoded by one codon	
☐	20 amino acids encoded by one codon	

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Question # 12 of 30 (Start time: 11:46:54 PM, 28 December 2020)

Total Marks: 1

Protein containing vesicles from endoplasmic reticulum transfer substance to the: _____

Select the correct option

- | | | | |
|----------------------------------|---------------------------------|---|---|
| ☒ | Cis region of golgi apparatus | <div>A Good Education is a Foundation For a Better Future</div> <div>CORRECT ANSWER SOLVED BY HADI</div> <div>EMAIL:hadirajputofficial@gmail.com</div> <div>WHATSAPP& CALL:03087122922</div> | ✓ |
| ☐ | Trans region of golgi apparatus | | ✗ |
| ☐ | Membrane of mitochondria | | |
| ☐ | Ribosome | | |

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Question # 4 of 30 (Start time: 11:40:33 PM, 28 December 2020)

Total Marks: 1

The most important product of central dogma is----that perform number of functions in body

Select the correct option

☒	Proteins	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922	
☐	DNA		
☐	Enzymes		
☐	Carbohydrates		

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

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

Select the correct option

☒	Eukaryotes
☐	Prokaryotes
☐	Eukarotes and Prokaryotes
☐	Cyanobacteria

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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	
☒	3	
☐	4	

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Question # 25 of 30 (Start time: 03:37:16 PM, 26 June 2021)

Total Marks: 1

Insulin formed by genetically engineered bacteria and pancreas used for---

Select the correct option

Reload Math Equations

☐	Maintains protein level
☐	Maintains the enzyme level
☒	Maintains the blood glucose level
☐	Maintains cholesterol level

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Question # 30 of 30 (Start time: 03:30:20 PM, 26 June 2021)

Total Marks: 1

Optimum temperature of DNA polymerase or Taq polymerase in PCR ----

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|----|
| ☐ | 70 |
| ☐ | 55 |
| ☒ | 72 |
| ☐ | 95 |

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Question # 20 of 30 (Start time: 03:34:27 PM, 26 June 2021)

Total Marks: 1

Which of the following is not an aspect of translational-level control?

Select the correct option

☐	mRNA localization	
☒	mRNA stability	
☐	mRNA degradation	
☐	mRNA translation	

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Question # 11 of 30 (Start time: 11:46:06 PM, 28 December 2020)

Total Marks: 1

Active site present in the ...

Select the correct option

☐	Substrate	
☐	Product	
☒	Enzyme	
☐	a and c	

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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:

☒	Glucose	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922	
☐	Glycogen		
☐	Cellulose		
☐	Sucrose		

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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

☒	Genetic engineering	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP& CALL: 03087122922	0
☐	Biotechnology		0
☐	Molecular genetics		0
☐	Biochemistry		0

Question # 18 of 30 (Start time: 03:33:54 PM, 26 June 2021) Total Marks: 1

Light will be produced when reporter and quencher are ----

Select the correct option

[Reload Math Equations](#)

☒	Adjacent
☐	Separate
☐	Close
☐	Overlap

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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	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922	
☐	Physical damage		
☐	UV damage		
☐	Mutation		

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	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922	
☐	Hydrophobic		
☐	Amphiphatic		
☐	Protein		

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

Total Marks: 1

Mendel studies how many characters of pisum sativum

Select the correct option

- ☐ 6
- ☐ 7
- ☐ 8
- ☒ 5

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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	
☒	Nucleosome	
☐	Chromatin	
☐	Chromosome	

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Question # 19 of 30 (Start time: 03:34:10 PM, 26 June 2021)

Total Marks: 1

Examples of polysaccharides are

[Reload Math Equations](#)

☐	meat
☐	Rice
☒	rice and wheat
☐	Wheat

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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

☒	Covalent bond	
☐	Coordinate covalent bond	
☐	Metallic bond	
☐	Ionic bond	

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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	
☐	Replication	

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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
☐	DNA polymerase
☐	RNA polymerase
☐	DNA polymerase II

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