

Question No. 29



Scierenchyma cells have thick walls usually strengthened with...

- Cellulose and lignin
- Lignin
- Cellulose
- Chitin

B



Question No. 6

Which of the following can influence cardiovascular disease?

- LDL
- HDL
- Minute amount of vitamins
- Minute amount of minerals



A



**Question No. 10**

Which of the following cells are found in the blood??

- All answers are correct
- Leukocytes
- Erythrocytes
- platelets



QUESTION 40 / 40

Transcription and translation of a gene typically of

NEEDS HOW LONG A PROTEIN CONTAINING NO MORE THAN 18 AMINO ACIDS

B

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42

End Test



Question No. 36

Transcription and translation of a gene composed of ..... nucleotides would form a protein containing no more than 18

- 4
- 54
- 6
- 45

B



Total questions in exam: 40 | Answered: 27

Question No. 35

Which epithelial tissue lines the esophagus?

- Stratified squamous
- Cardiac muscles
- Simple squamous
- Simple columnar



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Total questions in exam: 40 | Answered: 27

Question No. 34

Which of the following contains hydrolytic enzymes?

- Vacuole
- Lysosome
- Golgi apparatus
- mitochondrion

B

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Total questions in exam: 40 | Answered: 27

## Question No. 33

Energy released from oxidative phosphorylation is .....

- 28 ATP molecules
- 16 ATP molecules
- 4 ATP molecules
- 38 ATP Molecules

A

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Total questions in exam: 40 | Answered: 27

## Question No. 32

The RNA is a ..... while the DNA is a .....

- Double-stranded, single-strand
- Double-stranded, double helix
- Single-strand, double helix
- Single-strand, single helix

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Total questions in exam: 40 | Answered: 1

Question No. 15

What is the most likely pathway taken by a newly synthesized protein that will be secreted by a cell?

- ER → Golgi → vesicles that fuse with plasma membrane
- Golgi → ER → lysosome
- ER → lysosomes → vesicles that fuse with plasma membrane
- nucleus → ER → Golgi

~~B~~  
A

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Question No. 5

What is pollination?

- None of them
- The transfer of pollen from anther to stigma
- The transfer of pollen from stigma to ovary
- The transfer of pollen from stigma to anther

B

Question No. 3

the organs which grows after fertilization into fruit is.....

- stamens
- ovary
- stigma
- style

B

Question No. 1

Sclerenchyma cells have thick walls usually strengthened with.....

- Chitin
- Cellulose and lignin
- Lignin
- Cellulose



Question No. 40

Which of these is the voice box?

- Trachea
- Larynx
- Pharynx
- Lung

B

Question No. 39

..... is the name of the plant tissue where the highest number of chloroplasts could be found.

- Microphyll
- Megaphyll
- Mesophyll
- Nanophyll



Question No. 38

The breakdown and building processes in the body are called .....

- Nanobolism
- Metabolism
- Catabolism
- Anabolism

B



Question No. 37

Which of the following tissues is INCORRECTLY paired with its function?

- Epithelial – Binding
- Muscular- Movement
- Nervous- Sense stimuli
- Connective - Support



A

Question No. 36

..... means a tissue which has multiple layers of cells

- Cardiac
- Simple
- Cuboidal
- Stratified



Question No. 35

When we swallow food, what prevents it from entering the trachea?

- Teeth
- Appendix
- Epiglottis
- Tongue



Question No. 34

Number of oxygen molecules used in glycolysis is .....

- Nine
- Six
- Three
- Zero

D

Question No. 33

Each glucose molecule produce .....

- 40 ATP
- 38 ATP
- 34 ATP
- 32 ATP

D

## Question No. 31

The fluid-mosaic model of the cell membrane is a .....

- Bi-layer of primary proteins with embedded lipids
- Tri-layer of phospholipid with embedded proteins
- Bi-layer of phospholipid with embedded proteins
- Mono-layer of phospholipid with embedded proteins



Question No. 30

In the large intestine.....

- Bile is released
- Water is absorbed from un-digested food
- Food is digested
- Saliva is produced

~~ABC~~

Question No. 29

The RNA is a ..... while the DNA is a .....

- Single-strand, single helix
- Double-stranded, single-strand
- Double-stranded, double helix
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Question No. 28

In DNA – Adenine (A) pairs with .....

- Guanine (G)
- Thymine (T)
- Cytosine (C)
- Uracil (U)

B

## Question No. 27

Cellular drinking is called.....

- All the answers are correct
- Exocytosis
- Phagocytosis
- Pinocytosis

P

C

Question No. 26

Which type of blood vessels carries blood away from the heart?

- None of them
- Capillaries
- Veins
- Arteries



## Question No. 25

The major function of enzymes is .....

- None of them
- Defense
- Catalyst
- Protective

Question No. 24

The largest respiratory organ is \_\_\_\_\_

- Trachea
- Nose
- Larynx
- Lungs

D

## Question No. 23

Which of the following membrane activities require energy from ATP?

- Movement of carbon dioxide outside cells
- Movement of water into a cell
- Movement of glucose molecules
- $\text{Na}^+$  ions moving out of the cell

D

Question No. 22

Which of the following is involved in protein synthesis?

- All answers are correct
- DNA
- Ribosomes
- m-RNA

A

Question No. 21

When we inhale \_\_\_\_\_

- Our chest relaxes – diaphragm moves up
- Our chest expands – diaphragm moves down
- Our chest relax – diaphragm moves down
- Our chest expands – diaphragm moves up

B



Question No. 38

The sugar ribose has.....

- Two less oxygen than deoxyribose
- one more oxygen than deoxyribose
- one less oxygen than deoxyribose
- Two more oxygen than deoxyribose

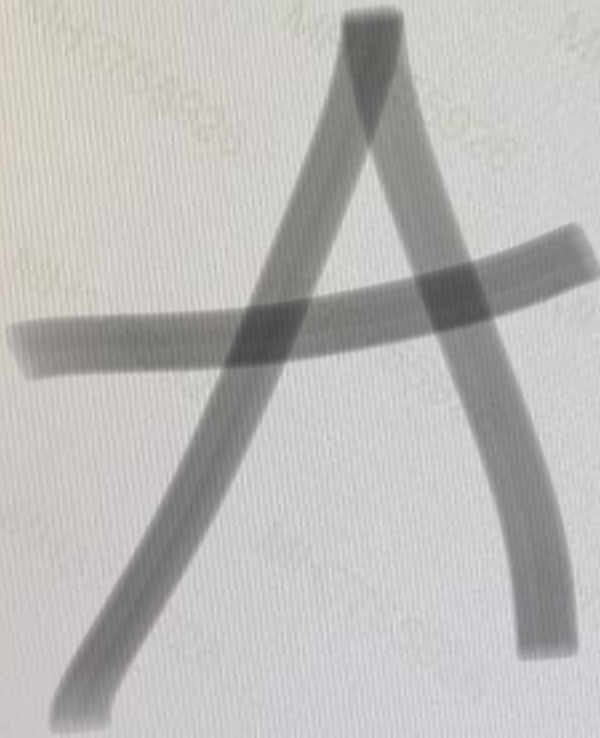


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