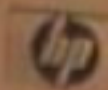


تجميعات " ريفان و ود "

دعواتكم 🙏❤❤

BIOLOGY

2020



Question No. 28

Mitochondria are

- Sites of protein synthesis
- Sites where cellular respiration occurs
- Found only in plant cell
- Help in the conversion of Light energy

Question No. 4

Which tissue makes up most of your heart?

- Adipose
- Ligate
- Bone
- Muscles

Save & Next

Question No. 22

Aerobic cellular respiration is aprocess

- Two Stages
- Three Stages
- One Stage
- Four Stages

Total questions in exam: 40 | Answered: 31

Question No. 27

A bacterial cell's DNA is found in its

- ribosomes
- capsule
- nucleoid region
- nucleus

Question No. 33

Cell membranes are considered as

- Permeable
- Non-permeable
- Selectively permeable
- None of them

[Save & Next](#)

Question No. 3

A A A

The epithelium that lines the air sacs of the lung is called

.....

- Simple squamous epithelium
- Simple columnar epithelium
- Simple cuboidal epithelium
- Stratified cuboidal epithelium

Question No. 7

Pseudo-stratified epithelium is present in _____

- Trachea
- Larynx
- Urinary bladder
- Kidney

Question No. 11

The receiving chambers of the heart are the

- Capillaries
- alveoli
- Atria
- Arteries

Question No. 8

The absorbs most food in the digestive tract.

- Esophagus
- Small intestine
- Stomach
- Pancreas

Question No. 4

Information on RNA is _____ to Protein _____

- Modified
- Translated
- synthesized
- Transcribed

Question No. 2

Which muscle tissue found in digestive system?

- Skeletal
- Cardiac
- Neurons
- Smooth

Total questions in exam: 40 [Answered: 40]

Question No. 38

In prokaryotic cell, which of these processes occur in the nucleus?

- Transcription
- None of them
- Translation
- Replication

In the esophagus.....

- Food is absorbed
- Food is digested
- Food moves to stomach
- Food is ingested

Total questions in exam: 40 | Answered: 0

Question No. 5

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

- Simple
- Stratified
- Cardiac
- Cuboidal

White blood cells are also called

- Erythrocytes
- Leukocytes
- Parenchyma
- Platelets

Total questions in exam: **40** | Answered: **0**

Question No. 10

The trachea is found in the _____ system

- Circulatory
- Nervous
- Digestive
- Respiratory

Total questions in exam: 40 | Answered: 5

Question No. 13

Complex nutrients are digested and then absorbed into the bloodstream as.....

- Macro molecules
- enzymes
- monomers
- polymers

Total questions in exam: 40 | Answered: 0

Question No. 12

Which of the following is not a role of the liver?

- Produces bile
- Synthesizes blood clotting proteins
- Detoxification
- Produces pepsin

Question No. 1

Which chambers of the heart are the thickest and strongest?

- Atria
- Veins
- Ventricles
- Arteries



User: AAB12345

Number of tests:

Number of questions:

 Correct No Marks

Question No. 7

In the digestive tract, the _____ absorbs H₂O to give semi-solid waste

- Stomach
- Small intestine
- Large intestine
- Esophagus

Question No. 8

Which muscle contracts to allow breathing?

- Bronchi
- Diaphragm
- Larynx
- Pharynx



Total questions in exam: 40 | Answered: 0

Question No. 6

The RNA is a while the DNA is a

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



Total questions in exam: 40 | Answered: 0

Question No. 10

The trachea is found in the _____ system

- Circulatory
- Nervous
- Digestive
- Respiratory

Question No. 18

A genetic codon consists of _____ nucleotides.

- Nine
- Six
- Three
- Two



Total questions in exam: 40 | Answered: 0

Question No. 8

Which of these muscles is involuntary?

- Only skeletal muscles
- Only cardiac muscles
- Cardiac and smooth muscles
- Only smooth muscles



Total questions in exam: 40 | Answered: 0

Question No. 7

One of the Components of endomembrane System is.....

- Cilia and flagella
- Chloroplast
- Golgi appartus
- Mitochondria

Question No. 18

Which one of the following organs does not affect the chemical digestion of food?

- Salivary glands
- Pancreas
- Gall bladder
- Tongue

117:3



Total questions in exam: 40 | Answered: 6

Question No. 7

What are the functions of sclerenchyma cells?

- Transport
- All answers are correct
- Protection
- Support

Question No. 18

Which portion of the flowering plant fix the plant in the soil?

- stem
- leaves
- shoot system
- root system

Question No. 34

Bronchi branch into _____ which ends with _____

- Alveoli - Trachea
- Bronchioles - Trachea
- Trachea - Bronchioles
- Bronchioles - Alveoli



Total questions in exam: 40 | Answered: 0

Question No. 13

In a plant cell, DNA may be found in the.....

- Cytoplasm, mitochondria, and nucleus
- Central vacuole, chloroplast, and mitochondria
- Nucleus, mitochondria, and chloroplasts
- Cell wall, nucleus, and mitochondria

Total questions in exam: 40 | Answered: 0

Question No. 12

Which of the following is not a role of the liver?

- Produces bile
- Synthesizes blood clotting proteins
- Detoxification
- Produces pepsin

Total questions in exam: 40 | Answered: 0

Question No. 2

Which tissues cover the outside of the body?

- Muscle tissues
- Connective tissues
- Nervous tissues
- Epithelial tissues

Total questions in exam: 40 | Answered: 0

Question No. 9

which of the followings exported by exocytosis?

- Fatty acids
- Monosaccharides
- Polysaccharides
- Disaccharides

Question No. 4

When we exhale _____

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

Question No. 3

Simply, translation is a copy of.....

- Protein from RNA
- DNA from DNA
- DNA from Mrna
- RNA from DNA

Question No. 1

Which chambers of the heart are the thickest and strongest?

- Atria
- Veins
- Ventricles
- Arteries

User: 44412222

Number of marks:

Number of questions:

 Answered Not Answered

1

2

3

4

5

6

Total questions in exam: 40 | Answered: 3

Question No. 5

Where are male gametes produced in flowering plants?

- In the ovaries
- In the liver
- In the testes
- In the anthers

Question No. 38

In the small intestine.....

- Food is digested and absorbed
- Wastes are expelled
- Water is absorbed from un-digested food
- Food is chewed

Question No. 8

Which muscle contracts to allow breathing?

- Bronchi
- Diaphragm
- Larynx
- Pharynx

Total questions in exam: 40 | Answered: 35

Question No. 31

Which of These molecules is a component of a cell's ribosomes?

- mRNA
- DNA
- rRNA
- tRNA

..... are specialized respiratory organs found in many aquatic organisms.

- Trachea
- Lungs
- Gills
- Tracheal systems

Total questions in exam: 40 | Answered: 4

Question No. 24

Nucleotides are linked together through covalent bonding between.....

- Two sugars
- Sugar – Phosphate
- Nitrogenous base – phosphate
- Nitrogenous base – sugar

Total questions in exam: 40 | Answered: 2

Question No. 3

In body tissues _____

- Blood mixes with hemoglobin
- Blood takes up carbon dioxide and drops off oxygen
- Blood takes up oxygen and drops carbon dioxide
- Blood mixes gases

Question No. 15

..... are made of blades and petioles

- flowers
- roots
- leaves
- stems

Question No. 32

Which of these is NOT a connective tissue?

- Bone
- Blood
- Neurons
- Cartilage

Question No. 30

Various tissues function in

Sensing stimuli

Protection

Support

Movement

Question No. 11

The space between chloroplast/mitochondria surrounding membranes is called....

- Intra-membrane space
- Outer membrane space
- Inter-membrane space
- Inner membrane space

Total questions in exam: 40 | Answered: 11

Question No. 20

Part of carbon dioxide is transported in the blood as _____

- Bicarbonate
- Carboxylic acids
- Water
- Carbonic acid

Question No. 11

Muscle tissues function in

- Sensation
- Movement
- Communication
- Protection

Total questions in exam: 40 | Answered: 29

Question No. 2

A⁻

A

A⁺

Muscle tissue compose of long cells called muscle capable of contracting in response to nerve signals

- matrix
- cartilage
- fibers
- adipose

Question No. 23

Which of these NOT TRUE? Aerobic cellular respiration.....

- Break down glucose
- Produces carbon dioxide
- Is a single step.
- Releases ATP



Question No. 4

Why do plants appear green?

- They absorb green light
- They convert water to oxygen
- All answers are correct
- They reflect green light

Question No. 8

Membranes may fold inward enclosing material from the outside by a process called...

- Exocytosis
- Passive transport
- Diffusion
- Pinocytosis

Question No. 23

Which conditions are likely to affect the shape of an enzyme?

- Concentration of substrate
- Both temperature and pH
- Temperature
- PH

Total questions in exam: 40 | Answered: 0

Question No. 19

Which enzyme is responsible for adding nucleotides to new DNA chain ?

- DNA helicase
- DNA ligase
- RNA primase
- DNA polymerase

Question No. 13

Which epithelial tissue lines the respiratory tract?

- Pseudo-stratified columnar
- Simple cuboidal
- Simple squamous
- Simple columnar

Question No. 36

The pigment that absorbs excessive light that would damage chlorophyll is called?

- Carotenoid
- Chlorophyll c
- Chlorophyll a + b
- Chlorophyll a

Question No. 7

Both Chloroplast and Mitochondria have

- Not a part of endomembrane system
- double membrane
- have an inter membrane space
- All answers are correct

Question No. 12

Which of the following is not a role of the liver?

- Produces bile
- Synthesizes blood clotting proteins
- Detoxification
- Produces pepsin

Question No. 8

Which of the following is true?

- Eukaryotic cells do not have a nucleus
- Only prokaryotes have a nucleus
- cell make protein in the nucleus
- DNA is kept in the nucleus

Question No. 10

Oxygen is consumed in.....

- Respiratory electron transport chain
- Krebs cycle
- Dark reactions
- glycolysis

Question No. 6

What is the function of the ovaries in a flowering plant?

- To produce male gametes
- To produce male and female gametes
- To produce female gametes
- absorption

Total questions in exam: 40 | Answered: 1

Question No. 1

Which of the following is common in all cells?

- Chloroplast
- Central vacuole
- DNA as a genetic material
- Centrioles

When we inhale _____

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

The main organ of photosynthesis in plant is

- Root
- Buds
- Stem
- Leaf

Total questions in exam: 42 | Answered: 1

Question No. 2

Which of the following is not a cofactor?

- a) Q
- b) U
- c) K_2O
- d) B

Question No. 25

What is the function of the blood vessels and capillaries?

- They carry blood to all parts of the body.
- They carry messages from the brain to the muscles
- They filter impurities from the blood.
- They pump blood to the heart only.

At the end of glycolysis, six carbon compound ultimately changed into

- Ethanol
- Acetyl co enzyme
- Lactate
- Pyruvic acid

Skeletal muscles are connected to bones by means of _____

- Cartilage
- Tendons
- Ligaments
- Adipose tissue

Which tissue binds other tissues in an organ?

- Connective tissues
- Epithelial tissues
- Nervous tissues
- muscle tissues

At the end of glycolysis, six carbon compound ultimately changed into

- Ethanol
- Acetyl co enzyme
- Lactate
- Pyruvic acid

Question No. 27

A small organ located under the liver and help to digest fatty foods is called.....

- Stomach
- Gall bladder
- Pancreas
- Lungs

Competitive inhibitors

- Compete with the coenzymes
- Changes enzyme 3D
- Compete with the substrate
- Compete with the cofactors

What is the purpose of the nucleolus?

- Holds genetic material in the form of DNA
- Protects RNA
- Makes ribosomes
- Selects what comes in and out of the cell

Question No. 33

Animals cannot produce amino acids that must come from diet.

- 8
- 2
- 20
- 4

Question No. 15

In diffusion

- Both solvents and solutes moves
- None of them
- Only solutes moves
- Only solvents moves

Total questions in exam: 40 | Answered: 32

Question No. 20

Products of glycolysis include :

- NADH, ATP and pyruvate
- FADH₂, NADH and CO₂
- NADH, ATP and CO₂
- FADH₂, NADH and pyruvate

Question No. 12

Which of the following is an Epithelial cell

- Muscle fiber
- Red blood cell
- Columnar cell
- Neuron

Total questions in exam: 40 | Answered: 0

Question No. 4

Cellular respiration occurs

- in 5 main stages
- in 3 main stages
- in 4 main stages
- in 2 main stages

Question No. 7

One of the Components of endomembrane System is.

- Cilia and flagella
- Chloroplast
- Golgi apparatus
- Mitochondria

Question No. 28

Which of the following is transport mechanism in a cell?

- Osmosis
- All answers are correct
- Active transport
- Facilitated diffusion

Nuclear envelope is a component of

- digestive
- exomembrane
- endomembrane
- solar

system

system

Question No. 3

Monomers of both DNA and RNA are called

- Nucleotides
- Fatty acids
- Monosaccharides
- Amino acids

Which of the following is a result of glycolysis?

- Loss of 6 ATP per glucose molecule
- Change of glucose to two three-carbon compounds
- Gain of 28 ATP per glucose molecule
- Production of oxygen

What is the function of nasal cavity?

- Warm air
- Filter air
- Moisten air
- All answers are correct

Cells import fluids by

- Phagocytosis
- Exocytosis
- Pinocytosis
- None of them

Following fertilization, the ovary develops into a and ovule forms the

- Fruit, seed
- Sepal, Petal
- Fruit, leaf
- Stamen, Carpel

Excess water-soluble vitamins can be eliminated in.....

- Saliva
- Chyme
- Bile
- Urine

The DNA replication gives two DNA molecules

- Each with (2) new strands
- Each with one new strand and one old strand
- One with (2) new strands but the other with (2) old strands
- Each with (2) old strands

At the end of glycolysis, six carbon compound ultimately changed into

- Ethanol
- Acetyl co enzyme
- Lactate
- Pyruvic acid

Which of the following is not a role of the saliva?

- Hydrolyzes starch
- Moistens the food
- Taste the food
- Kills some bacteria

Save & Next



..... are segments between nodes.

- Intercellular
- Intracellular
- roots
- Internodes

Save & Next



..... are made up of tissues that perform specific functions.

- Cells
- Organs
- Atoms
- Unicellular organisms

Digestive enzymes

- Eliminate food
- Move food
- Absorb food
- hydrolyse food

Save & Next

Chemical digestion of food occurs mainly in the ..

- Liver
- Esophagus
- Large intestine
- Small intestine

Save & Next

Nuclear envelope is a component of system.

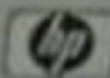
- digestive
- endomembrane
- solar
- exomembrane



Question No. 18

Which process takes place in the esophagus?

- Peristalsis
- Ingestion
- Absorption
- Digestion



MCL 003

Bio_Final_Set

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



Question No. 38

..... are embedded in the phospholipid bilayer that aid in diffusion process

- Minerals
- Nucleic acids
- Proteins
- Carbohydrates

Total questions in exam: 40 | Answered: 28

Question No. 40

The heart right side pumps _____ to _____

- Oxygen-rich blood - Body
- Oxygen-poor blood - Lungs
- Oxygen-rich blood - Lungs
- Oxygen-poor blood - Body

Question No. 37

Cells import fluids by.....

- None of them
- Exocytosis
- Pinocytosis
- Phagocytosis

Question No. 14

Inhalation is.....

- Active and passive process
- Passive Process
- Active process
- Electrical process

Chemical digestion of food is catalyzed by _____

- Enzymes
- HCL
- Water
- Teeth

The longest part of the digestive tract is the.....

- Esophagus
- Small intestine
- Large intestine
- Stomach

The end of a long bone is connected to another bone at joints by

- ligament
- cartilage
- tendon
- muscle

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

- Erythrocytes
- All answers are correct
- Leukocytes
- platelets

White blood cells are also called

- Erythrocytes
- Leukocytes
- Parachyma
- Platelets

The end of a long bone is connected to another bone at joints by

- ligament
- cartilage
- tendon
- muscle

Total questions in exam: 40 | Answered: 1

Question No. 2

The ----- receives blood returning from lungs

- Left atrium
- Right ventricle
- Right atrium
- Left ventricle

Question No. 2

Which organ system does the pharynx belongs to?

- Digestive only
- Digestive and Respiratory
- Respiratory only
- Nervous

Question No. 4

The largest respiratory organ is

- Trachea
- Lung
- Larynx
- Nose

Question No. 4

What connects the pharynx to lungs ?

- Esophagus
- Nasal cavity
- Trachea
- Tongue

Mucus protect the walls of the stomach against...

- HCL and Pepsin
- Minerals
- Water
- Vitamins

Fish exchange gases through _____

- Tracheal system
- Gills
- Lungs
- Body surface

Question No. 33

Which of these statements is TRUE? Aerobic cellular respiration.....

- Breaks glucos
- Uses light
- Is a single chemical reaction with just one step
- Produces glucose

A small organ located under the liver and help to digest fatty foods is called.

- Gall bladder
- Lungs
- Pancreas
- Stomach

Question No. 4
Osmosis means.....

- Movement of gas particles in available space
- Movement of solvent molecules
- Movement of solute molecules
- Movement of both solvent and solute

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

- Erythrocytes
- All answers are correct
- Leukocytes
- platelets

Total questions in exam: 40 | Answered: 1

Question No. 7

Excess energy is stored as

- Minerals
- Water
- glycogen or fat
- Vitamins



560_FT_Sem

Question No. 22

Which vascular tissue is responsible for transporting organic nutrients within the plant?

- periderm
- phloem
- xylem
- none of them

Question No. 25

The process of converting carbon dioxide and water, in presence of sunlight, producing glucose and oxygen is

- Building up of large molecules from simple inorganic ones.
- Energy-converting cellular process
- Anabolic process
- All answers are correct

Question No. 1

Light is absorbed by some substances, these substances are known as

- Pigments
- Veins
- Stomata
- stroma

Total questions in exam: 40 | Answered: 0

Question No. 31

Equilibrium is

- Solvent movement through cell membrane
- All answers are correct
- Concentration is the same
- Diffusion of solute's particles

Question

Before the oxidative phosphorylation, how many ATP has the cell gained from metabolism of one glucose?

- 32
- 2
- 4
- 28

RNA is translated into protein by using

- nucleotide language
- Fatty acid language
- amino acid language
- Monosaccharide language

Question No. 22

In vascular tissue is responsible for transporting organic nutrients within the plant.

- periderm
- phloem
- xylem
- none of them

The end of a long bone is connected to another bone at joints by

- ligament
- cartilage
- tendon
- muscle

An example of Epithelial tissue found in the human body is

- Adipose
- Skin
- Skeletal muscle
- Tendon

Question No. 15

Which of these is the correct airflow pattern during inhalation

- Nasal cavity → Lungs → Pharynx → Trachea
- Bronchi → Lungs → Trachea → Nasal cavity
- Trachea → Nasal cavity → Bronchi → Lungs
- Nasal cavity → Trachea → Bronchi → Lungs

Question No. 35

A 15-nucleotide sequence will direct the production of a polypeptide chain with up to

- 7 amino acids
- 5 amino acids
- 3 amino acids
- 2 amino acids

Question No. 4

Aquaporins helps in.....

- Exocytosis
- Pinocytosis
- Phagocytosis
- Facilitated diffusion of water

Question No. .

During osmosis

- Only water moves
- None of them
- Water and solute moves
- Only solute moves

Question No. 6

Aquaporins are an example of

- Osmosis
- Facilitated diffusion
- Active transport
- Diffusion

Total questions in exam: 25 | Answered: 25

Question No. 7

Which contains most energy per gram?

- Fat
- Water
- Carbohydrates
- Protein

Question No. 16

When there is a higher concentration of solute outside the cell than inside the cell, which direction would water flow by osmosis?

- Water flow into the cell
- Water flow out of the cell
- All answers are correct
- Water flow in and out of the cell

Question No. 5

Primary function of cofactor is to.....

- None of them
- Assist in enzyme activity
- Assist in enzyme inhibition
- Assist in enzyme synthesis

Organelles that modifies products of the endoplasmic reticulum.....

- Endoplasmic reticulum
- Ribosomes
- Golgi apparatus
- Lysosomes

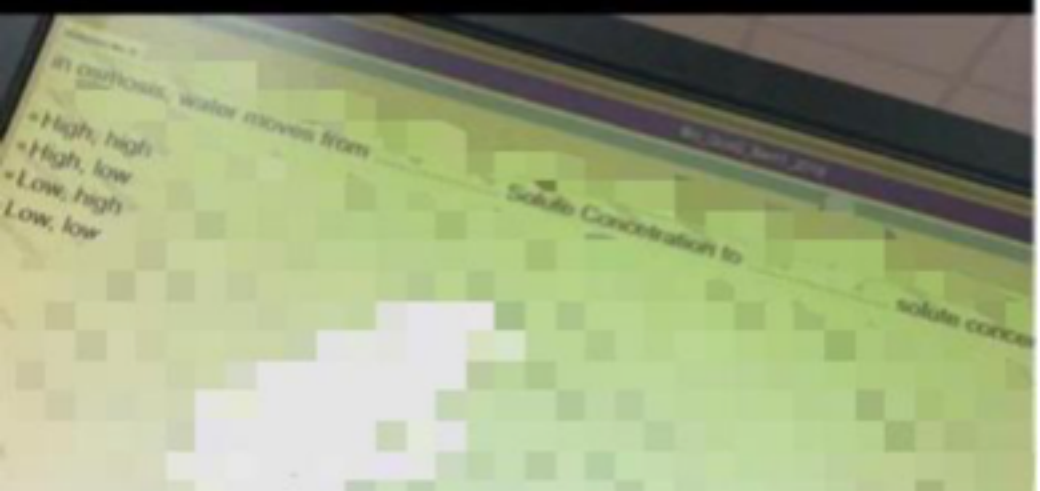
The terminal electron acceptor in aerobic respiration is.

- CO₂
- Pyruvate
- O₂
- ATP

Question No.

Which of the following is true about Osmosis?

- Ⓐ Water moves from lower solute concentration to higher solute concentration
- Ⓑ Water moves from lower solute concentration to higher solvent concentration
- Ⓒ Water moves from higher solvent concentration to lower solvent concentration
- Ⓓ Water moves from lower solvent concentration to higher solute concentration



Question No. 3

The transfer of pollen grains from the anther to the stigma of a flower is known as _____

- Adoption
- Diffusion
- Photosynthesis
- Pollination