

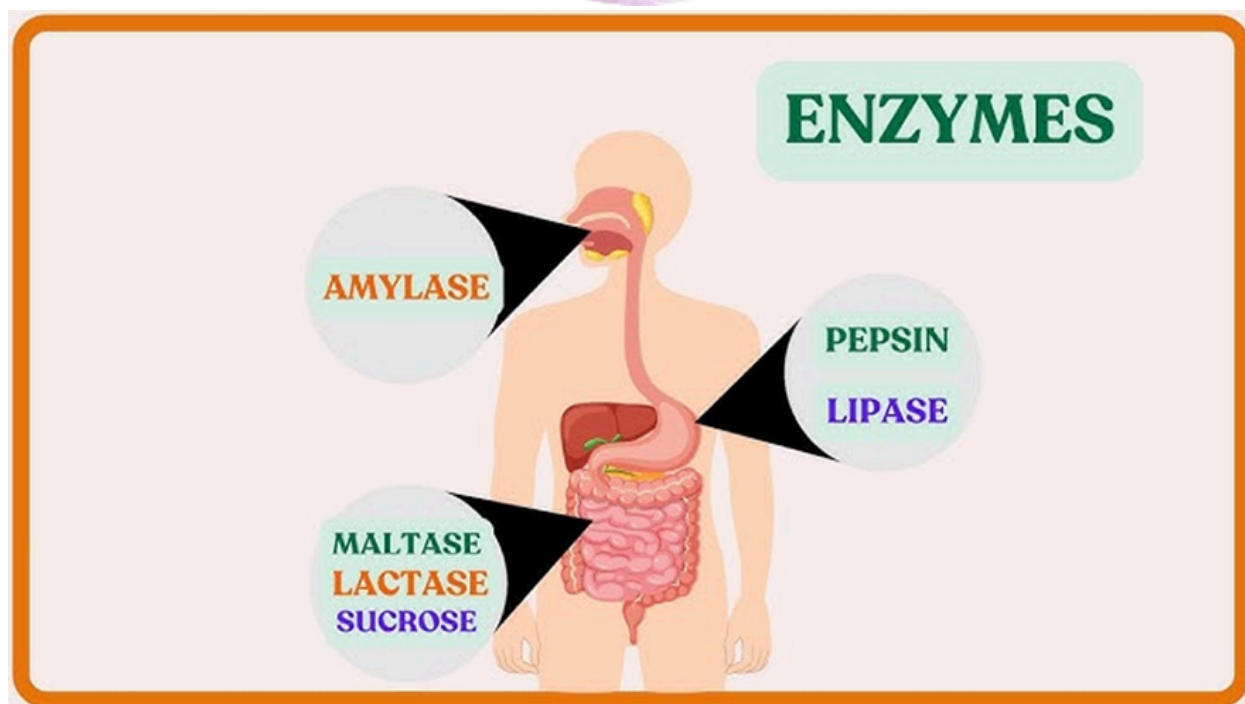
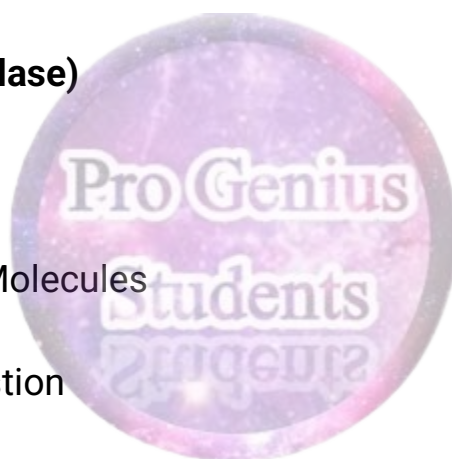
AFNS BIOLOGY MCQS WITH ADDITIONAL MCQS

The enzyme found in saliva is:

- a) Pepsin
- b) Ptyalin (Salivary amylase)**
- c) Trypsin
- d) Lipase

Chapter 2 – Biological Molecules
(FSc Part-1)

Topic: Enzymes in Digestion



More Expected MCQs from This Topic

1. The enzyme that digests proteins in the stomach is:

- a) Ptyalin
- b) Pepsin**
- c) Maltase
- d) Amylase

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2. Which enzyme converts milk protein (casein) into curd in infants?

- a) Rennin**
- b) Trypsin
- c) Lipase
- d) Amylase

3. Bile is secreted by:

- a) Pancreas
- b) Gall bladder
- c) Liver**
- d) Stomach

4. Bile juice helps in the digestion of:

- a) Carbohydrates
- b) Proteins
- c) Fats**
- d) Nucleic acids

5. Enzyme that digests fat into fatty acids and glycerol is:

- a) Lipase**
- b) Amylase

- c) Pepsin
- d) Maltase

6. Which part of alimentary canal absorbs most of the nutrients?

- a) Stomach
- b) Small intestine**
- c) Large intestine
- d) Oesophagus

7. The enzyme that breaks down maltose into glucose is:

- a) Amylase
- b) Maltase**
- c) Sucrase
- d) Lactase

8. The enzyme that digests nucleic acids is:

- a) Lipase
- b) Nuclease**
- c) Protease
- d) Amylase

9. Which vitamin is necessary for blood clotting?

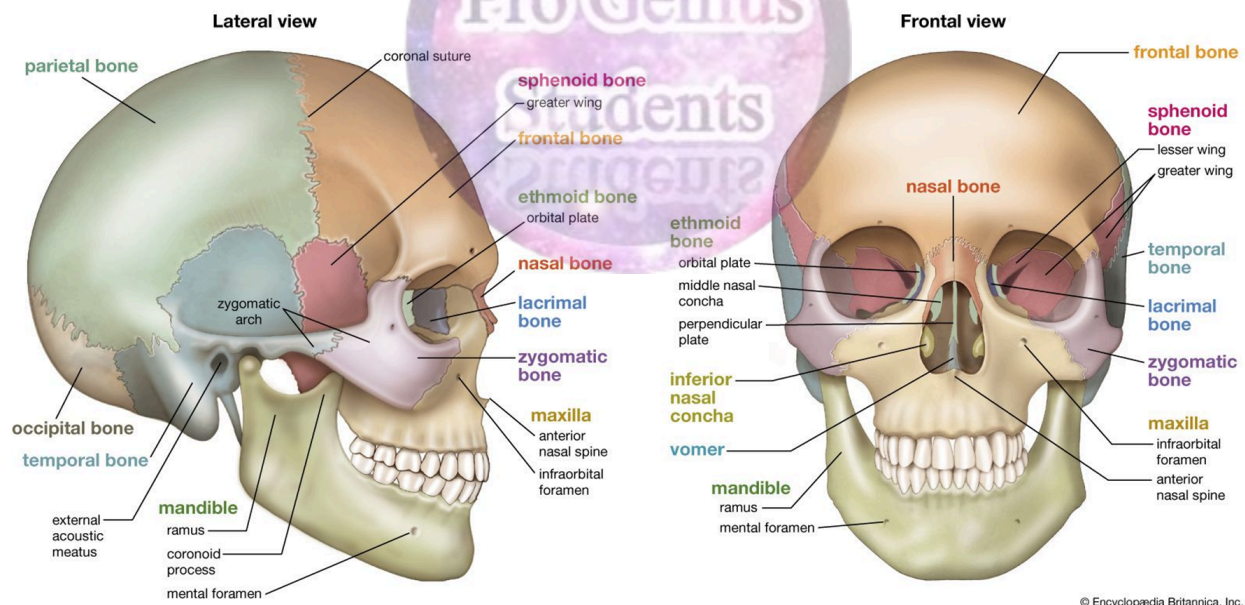
- a) Vitamin A
- b) Vitamin C
- c) Vitamin K**
- d) Vitamin D

How many bones are present in the human ear?

- a) 2
- b) 3**
- c) 4
- d) 5

FSc Biology Part-II →

Chapter 17: Coordination and Control Topic: Ear (Sense Organs – Auditory Ossicles)



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More Expected MCQs from This Topic

The smallest bone in the human body is:

- a) Malleus
- b) Incus
- c) Stapes**
- d) Femur

The longest bone in the human body is:

- a) Humerus

b) Femur

c) Tibia

d) Fibula

The total number of bones in adult human skeleton is:

a) 200

b) 206

c) 210

d) 212

The number of bones in newborn baby is approximately:

a) 206

b) 270

c) 190

d) 280



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How many pairs of ribs are there in human body?

a) 10

b) 11

c) 12

d) 13

How many cervical vertebrae are present in the human vertebral column?

a) 7

b) 8

c) 9

d) 10

The common name of Devil fish is:

- a) Starfish
- b) Octopus**
- c) Squid
- d) Jellyfish

FSc Part-II

Chapter 15 (Animal Kingdom, Invertebrates)

Topic: Mollusca, Arthropoda, Echinodermata)

More Expected MCQs from This Topic

The common name of Sepia is:

- a) Cuttlefish**
- b) Starfish
- c) Octopus
- d) Crab

The common name of Asterias is:

- a) Devil fish
- b) Starfish**
- c) Cuttlefish
- d) Pearl oyster

Pearl is obtained from:

- a) Octopus
- b) Sepia**

- c) **Pinctada**
- d) Asterias

Which is the largest phylum of Animal Kingdom?

- a) Mollusca
- b) **Arthropoda**
- c) Echinodermata
- d) Annelida

Which of the following is an example of Echinodermata?

- a) Octopus
- b) Crab
- c) **Starfish**
- d) Snail

Which invertebrate shows water vascular system?

- a) Mollusca
- b) Arthropoda
- c) **Echinodermata**

The blood of cockroach is:

- a) Red
- b) **Colorless**
- c) Blue
- d) Green

Open circulatory system is found in:

- a) **Cockroach**
- b) Earthworm
- c) Man
- d) Fish

Which of the following animals has bilateral symmetry?

- a) Starfish
- b) Cockroach**
- c) Hydra
- d) Amoeba

Which energy is directly provided to the muscle?

ATP

FSC Part-I

Chapter 8: Respiration

Topic: (ATP production, glycolysis, Krebs cycle)

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IV. What is ATP used for?

- Provide energy for muscle cells (muscle contraction)
- Active transport (review: movement of molecules from low to high concentrations)
- Transport molecules and proteins through the plasma membrane.
- Making and moving molecules through the body systems



More Expected MCQs from This Topic

The immediate source of energy for muscle contraction is:

- a) Glycogen
- b) ATP**
- c) Phosphocreatine
- d) Glucose

Which high-energy compound regenerates ATP during muscle activity?

- a) Glucose
- b) Creatine phosphate**
- c) Lactic acid
- d) Glycogen

End product of anaerobic respiration in human muscles is:

- a) Alcohol
- b) Lactic acid**
- c) $\text{CO}_2 + \text{H}_2\text{O}$
- d) Acetyl-CoA

During strenuous exercise, muscles feel fatigue due to accumulation of:

- a) Oxygen
- b) Lactic acid**
- c) ATP
- d) Glycogen

In aerobic respiration, most ATP is produced during:

- a) Glycolysis
- b) Krebs cycle
- c) Electron Transport Chain**
- d) Fermentation

In glycolysis, one molecule of glucose yields net:

- a) 2 ATP
- b) 4 ATP**
- c) 8 ATP
- d) 36 ATP

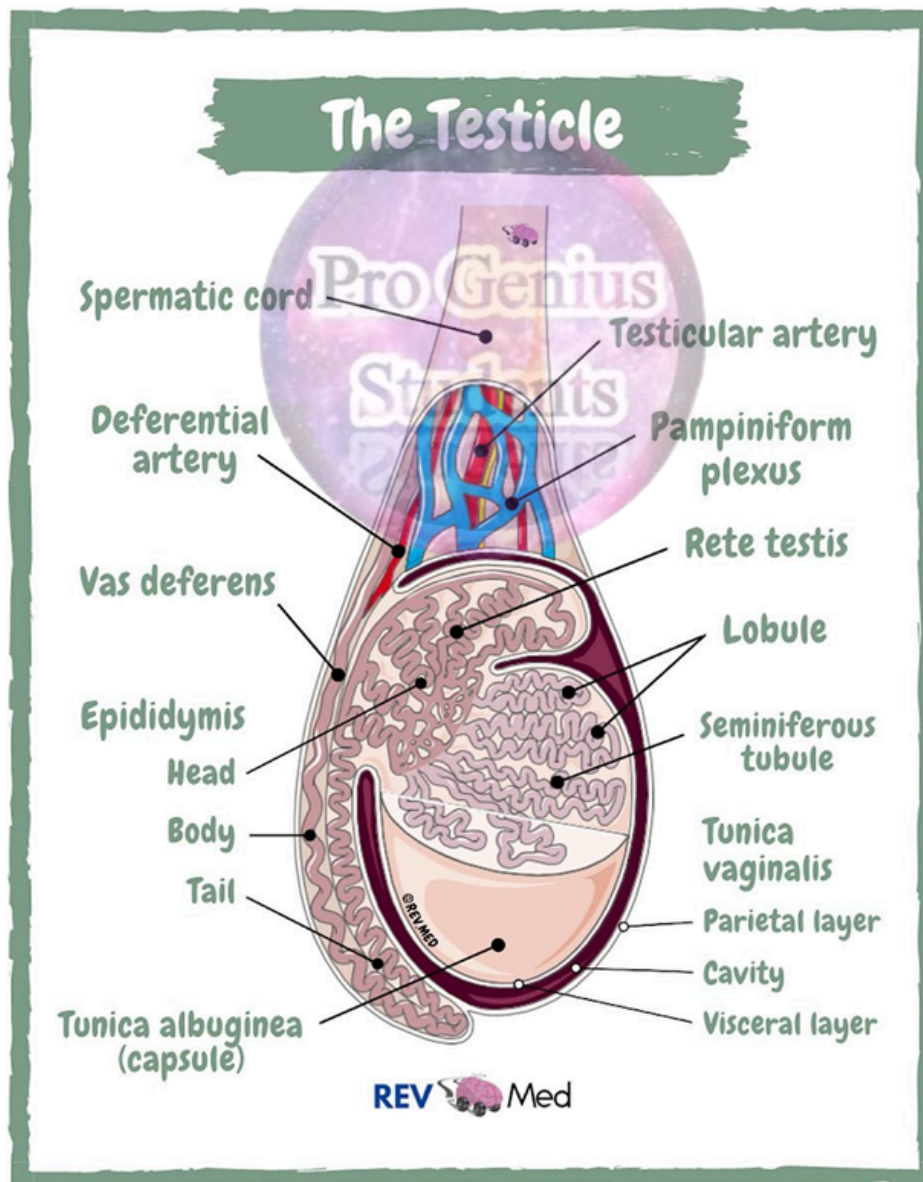
Sperms are produced in:

- a) Vas deferens
- b) Seminiferous tubules**
- c) Epididymis
- d) Urethra

FSc Biology Part-II (Class XII)

Chapter 19: Reproduction

Topic: Male Reproductive System



More Expected MCQs from This Topic

Process of sperm production is called:

a) Oogenesis

b) Spermatogenesis

- c) Fertilization
- d) Ovulation

Which cells provide nourishment to developing sperms?

- a) Leydig cells
- b) Sertoli cells**
- c) Germ cells
- d) Spermatogonia

The hormone responsible for male secondary sexual characters is:

- a) Progesterone
- b) Estrogen
- c) Testosterone**

The number of chromosomes in human sperm is:

- a) 23**
- b) 46
- c) 44
- d) 48

In humans, fertilization normally occurs in the:

- a) Uterus
- b) Fallopian tube (oviduct)**
- c) Ovary
- d) Cervix

The female gamete is produced in:

- a) Ovary**
- b) Uterus

- c) Oviduct
- d) Cervix

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