

SUBJECT- ZOOLOGY
GRADE -XII

A. Very short questions

- 1 Epiglottis is also called traffic policeman of human body. Why?
- 2 In what form oxygen is transported in tissue?
- 3 Why blood group 'A' person cannot donate to blood group 'B' person?
- 4 What do you mean by capillaries?
- 5 Define permanent teeth.
- 6 Which artery supplies the blood to the shoulder?
- 7 Define terms cardiac cycle, atrial systole and cardiac output.
- 8 Define the terms peristalsis, micelles and chylomicron.
- 9 Differentiate between rennin and renin.
- 10 What is the function of C- shaped cartilages present in human trachea?
- 11 What are tidal volume and stroke volume?
- 12 What are the role of arteries and veins?
- 13 Differentiate between S.A.node and A.V.node.
- 14 Give histological layers of human heart, alimentary canal and lungs.
- 15 Mention the function of haemoglobin.
- 16 What do mean by bradycardia and tachycardia?
- 17 Liver is the chief laboratory organ of human body. Why?
- 18 What do you mean by retroperitoneal kidney?
- 19 Mention the role of diaphragm in respiration.
- 20 What types or characteristic of teeth found in human?
- 21 Name the bile pigments.
- 22 What is glycogenolysis?
- 23 What do you mean by myogenic heart?
- 24 What is most toxic excretory product produced in human body.
- 25 What is hamburger phenomenon?
- 26 Why blood group 'A' person cannot donate to blood group 'B' person?
- 27 Name the thoracic muscles which involve in respiration.
- 28 Write the dental formulae of human.

- 29 Where do you find the Adam's apple?
- 30 What do you mean by RH- factor?
- 31 Define the terms deamination, detoxification.
- 32 Give histological layers of human heart, alimentary canal and lungs.
- 33 Where do you find the Brunner's gland?
- 34 Mention the function of haemoglobin.
- 35 List the problems produced by high B.P. and low B.P.
- 36 What are the different organs involved in excretion?
- 37 What are major components of circulatory system?
- 38 Mention the role of diaphragm in respiration.
- 39 What types or characteristic of teeth found in human?

B. Short questions

1. Differentiate between inspiration and expiration.
2. Short notes on artificial pacemaker.
3. Describe shortly about the exchange of gases in lungs.
4. Explain about the action of different proteolytic enzymes found in human alimentary canal.
5. Describe structure and function of human teeth.
6. Describe the functions of liver.
7. Discuss the histological structure of human pancreas.
8. Define heart sounds. How are they produced?
9. Draw well labelled diagram of L.S. of Human Kidney.

C. Long questions

2. Discuss the physiology of digestion in human.
3. Explain about the structure of mammalian kidney. How it acts as homeostatic organ?
4. Describe about internal structure of human lungs and mention its working mechanism.
5. Explain the course of blood circulation in human heart with the help of neat and labeled diagram.
6. Write in detail about digestive tract of human.
7. Describe in detail about structure and function of uriniferous tubule with labeled diagram.