

Vellore District

SECOND REVISION TEST - 2025

Standard - XI

ZOOLOGY

Marks:70

Time: 3.00 hrs

PART - I

15x1=15

I Answer all the questions:

1. Kidney of frog is
a) Mesonephros b) Archinnephros c) Metanephros d) Pronephros
2. Normal Glucose values in blood.
a) 70-110 mg/dL b) 70-100 mg/dL c) 110-140 mg/dL d) 80-120 mg/dL
3. Rearing of Silkworm is called
a) Vermiculture b) Sericulture c) Apiculture d) Lac culture
4. The respiratory center is present in the:
a) Cerebellum b) Medulla Oblongata c) Thalamus d) Hypothalamus
5. The ciliated epithelium lines the:
a) Gall bladder b) Skin c) Trachea d) Digestive tract
6. The functional unit of a muscle fibre is :
a) Myosin b) Sarcomere c) Actin d) Sarcoplasm
7. The limbless amphibian is :
a) Rana b) Salamander c) Ichthyophis d) Hyla
8. Synovial fluid is found in _____
a) Immovable joints b) Ventricles of the brain
c) Spinal cord d) Freely movable joints
9. An example fo Tautonymy
a) Felix Silvertris b) Naja naja c) Ailurus fulgens d) Felis domestica
10. Sexually, earthworms are _____
a) Hermaphroditic and self fertilizing b) Sexes are separate
c) Pathenogenic d) Hermaphroditic but not self fertilizing
11. The sphincter of oddi guards:
a) Hepato - Pancreatic duct b) Common bile due
c) Pancreatic duct d) Cystic duct
12. Potocytes are the cells present on the
a) Nect of nephron b) Outer wall of Bowman's capsule
c) Wall of glomerular capillaries d) Inner wall of Bowman's capsule
13. Erythroblastosis foetalis is due to the destry of _____
a) Foetal WBCs b) Foetal RBCs
c) Foetus suffers from minamata d) Foetus suffers from attherosclerosis
14. Which plasma protein is involved in the coagulation of blood?
a) Globulin b) Fibrinogen c) Albumin d) Serum amylase
15. Hypersecretion of Growth hormone in childs leads to :
a) Grave's disease b) Cretinism c) Tetany d) Gigantism

(2)

XI Zoology

PART - II

II Answer any six of the following. Q.No. 24 is compulsory

6x2=12

16. Define extremophiles.
17. Compare closed and opened circulatory system.
18. Write the peculiar characters of duck.
19. Name the types of respiration seen in Frog.
20. How is tetany caused?
21. Write the dental formula of human.
22. Why blood is considered as a typical connective tissue?
23. What is Homeostasis?
24. Name the two main Hormones involved in the regulation of the renal function.

PART - III

III Answer any six of the following. Q.No. 33 is compulsory.

6x3=18

25. Differentiate chordates and Non-chordates.
26. Mention the function of human liver.
27. Write the rules of Nomenclature.
28. Right Ventricular wall thinner than the left ventricular wall. Why?
29. Enumerate the uses of stethoscope.
30. Why is Pnevmonia considered a dangerous disease?
31. What are the different types of rib bones that form the rib case?
32. Define Cross breeding.
33. Draw a neat labelled diagram of L.S. of the human eye.

PART - IV

IV Answer all the questions.

5x5=25

34. a) List out the general characteristics of the phylum Arthropoda.
(OR)
- b) How does the blood transport O_2 from the lungs to the tissue cells?
35. a) List out the various function of skeletal system.
(OR)
- b) Explain the disorders related to Excretory system.
36. a) What is called CT scanning? Mention its clinical significance.
(OR)
- b) Explain the life cycle of Bombyxmori.
37. a) Explain the structure human brain.
(OR)
- b) List out the function of Adrenal hormone.
38. a) Explain the female reproductive system of frog.
(OR)
- b) Explain the ohgistron process in human stomach.

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