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Tamilnadu Board

Quarterly Exam Question Paper

2023-24



QUARTERLY EXAMINATION - 2023

XI - STD ZOOLOGY

TIME: 3.00 Hrs

Marks : 70

I. Choose the Correct answer. **15 x 1 = 15**

1. Breathing is controlled by .....
   a) Cerebrum b) Medulla oblongata c) Cerebellum d) Pons
2. In which phylure, the members have exoskeleton made up of chitinous cuticle.
   a) Arthropoda b) Platyhelminthes c) Echinodermata d) Porifera
3. Kidney of frog is .....
   a) Archinephros b) Pronephros c) Measonephros d) Meta nephros
4. The main function of cuboidal epithelum is .....
   a) Protection b) Secretion c) Absorption d) Both b and c
5. Which of the following plasma proteins is involved in the Coagulation of blood.
   a) Globulin b) fibrinogen c) Albumin d) serum amylase
6. Select the correct pair :
   P - Asthuma i) Recurring of bronchitis
   Q - Emphysema ii) accumulating of WBC in alvoli
   R - Pneumonia iii) Allergy
   a) P - iii, Q - ii, R - i b) P - iii, Q - i, R - ii c) P - ii, Q - iii, R - i d) P - ii, Q - i, R - iii
7. The book "Origin of species" written by .....
   a) Aristotil b) Walter Rosan c) Charles Darwin d) John Roy
8. Which of the following is an egg bying (Pg2) mamma?
   a) Delphinus b) Macropus c) Ornithorbrchys d) Eqvus
9. One of the fastest moving land insect is.....
   a) Ant b) Grassphopper) Silverfish d) Cockroche
10. The hormone which helps in the reabsorption of water in kidney tubules is .....
    a) cholecystokinin b) angiotension II c) antidiuretie hormone d) pancrezymin
11. The type of vision in cockroach is .....
    a) Three dimensional b) two dimensional c) Mosaic d) do not have vision
12. Muscler tissues are made of .....
    a) Osteocytes b) myofibrils c) Lymphocytes d) Leucocytea
13. The second largest phylum of animal kingdom is .....
    a) platyhelminthes b) Molluss c) Annelide d) Porifera
14. Which one is incorrectly matched
    a) Pepsin - Stomah
    b) Renin - liver
    c) Trypsin - intestine
    d) Ptyalin - mouth
15. The end product of Ornithino cycle is .....
    a) Carbon dioxide b) Uric acid c) urea d) Amonia

II. Answer any 6 questions. Q.No. 24 is compulsory. **6 x 2 = 12**

16. Name the repiratory organs of flatworm, earthworm, fish and prawn.
17. What are chlorocogen cells.
18. Differentiate white adipose tissue from brown adipose tissue.
19. What is dead space.
20. Write the reasons for obesity.
21. When cardio-pulmonary resuscitation is opted?
22. Why are ville present in the small intestine and not in the stomach?
23. Write not on Zoological parks.
24. Write the reasons for the tissues are called as living fabrics.

III. Answer any 6 questions. Q.No. 33 is compulsory. **6 x 3 = 18**

25. Write the functions of alary muscles.
26. Write any three characters of Cartilaginous fishes.
27. What are the components of blood in frog?
28. What is assimilation?
29. Differentiate Schizocoelam and enterocoelom.
30. Right ventricular wall is thiner than the left ventricular wall. Why?
31. Why cockroaches are called as Vectors of diseases?
32. Draw and label the L.S. of human kidney.
33. What are aquaprins? Write its functions.

IV. Answer all the questions. **5 x 5 = 25**

34. a) Explain the three basic characters of phylum chordata with proper diagram. (OR)
    b) Write the rules of nomenclature.
35. a) What is an epithelium? Enumerate the characteristic features of different epitheluim (OR)
    b) Write the functions of liver.
36. a) Write the differences between Frong and Toads. (OR)
    b) Write the process of digestion in stomach.
37. a) With neat diagram, write the structure of human heart. (OR)
    b) Write about the problems in Oxygen transport.
38. a) Write note on phylum annelida. (OR)
    b) Write the structure of nephron with proper diagram.

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