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Rahipet - DIST

COMMON FIRST REVISION EXAMINATION - 2023

Standard - XI
ZOOLOGYReg.No.

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Marks: 70

Time: 3.00 hrs.

PART - I

Note : i) Answer all the questions. ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer:

15×1=15

1. The hormone which regulates the Circadian rhythm of our body is _____.
a) Melatonin b) Melanin c) Oxytocin d) Vasopressin
2. The pointed portion of the elbow is
a) symphysis b) acromion process c) glenoid cavity d) decranon process
3. Which of the following is not present in same rank?
a) Primata b) Orthoptera c) Diptera d) Insecta
4. Lateral line sense organs occur in
a) Salamander b) Frog c) Water Snake d) Fish
5. The is made of a single layer of cube like cells
a) Cuboidal epithelium b) Squamous epithelium
c) Simple epithelium d) Columnar epithelium
6. Which of the following have an open circulatory system?
a) Frog b) Cockroach c) Earthworm d) Pigeon
7. In Small Intestine, active absorpction occurs in case of
a) Glucose b) Amino acids c) Na⁺ d) All the above
8. Inflammation of the lungs due to infection caused by bacteria or virus is called _____.
a) Tuberculosis b) Pneumonia c) Bronchitis d) Emphysema
9. Which one of the following Plasma proteins is involved in the coagulation of blood?
a) Globulin b) Fibrinogen c) Albumin d) Serum amylase
10. Kidney stones are produced due to deposition of Uric acid and
a) Silicates b) Minerals
c) Calcium Carbonate d) Calcium Oxalate
11. ATPase enzyme needed for muscle contraction is located in
a) actinin b) troponin c) mysoin d) actin
12. In Sensory - neural deafness, the defect may be in the
a) auditory nerve b) Ruptive of cardrum
c) The blockage of earwax d) Middle ear infection
13. The half life period of insulin in plasma.
a) 4 minutes b) 5 minutes c) 6 minutes d) 7 minutes
14. Serum Calcium level is regulated by
a) Thyroxine b) FSH c) Pancreas d) Thyroid and Parathyroid
15. Induced breeding technique is used in
a) Marine fishery b) Capture fisher c) Culture fishery d) Inland Fishery

PART - II

Note : Answer any six questions. Question No.24 is compulsory:

6×2=12

16. What is cladogram?

17. What are the respiratory pigments present in the circulatory system of Annelida?
18. Write any two functions of alary muscles?
19. Which structure seals the larynx when we swallow?
20. Distinguish between mitral valve and Semi-Lunar valve.
21. Name the bones of the skull.
22. Hormones are known as chemical messenger. Justify.
23. Why is the blind spot called so?
24. Name the three castes in a honey bee colony.

PART - III

Note : Answer any six questions. Question No.33 is compulsory: 6×3=18

25. List Salient features of the family Felidae?
26. Write the functions of air bladder in fishes?
27. Write the types of respiration seen in Frog.
28. What is Liver cirrhosis?
29. Why blood is considered as a typical connective tissue?
30. What is a condition called Nitrogen Narcosis?
31. Differentiate between rod and cone cells.
32. Write the significance of Sphygmomanometer.
33. Give the economic importance of lae insect.

PART - IV

Note : Answer all questions:

5×5=25

34. a) What are the basic rule for Nomenclature. (OR)
- b) List the characteristic features of Annelida.
35. a) Explain the female reproductive system of frog. (OR)
- b) List the chemical changes that starch molecule undergoes from the time it reaches the small intestine.
36. a) Write the disorders of the Respiratory system. (OR)
- b) What is lymph? Write its function.
37. a) What is the function of antidiuretic hormone? Where is it produced and what stimuli increases or decreases its secretion? (OR)
- b) What are the benefits of regular exercise?
38. a) What are X - rays? Mention its clinical significance. (OR)
- b) Give the economic importance of Silkworm.