

RAXIIPET - DIST

A

COMMON HALF YEARLY EXAMINATION - 2022

Standard - XI
ZOOLOGY

Reg.No.

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Marks: 70

Time: 3.00 hrs.

SECTION - I

Note: i) Answer all the questions: ii) Choose the most suitable answer and write the option code and the corresponding answer. 15×1=15

- What taxonomical gives comprehensive information about taxon?
 a) Taxonomic key b) Herbarium c) Flora d) Monograph
- Which of the following sub - phylum shows Retrogressive Metamorphosis
 a) Cephalochordata b) Urochordata c) Hemichordata d) Chordata
- Progressive inability to secrete saliva and tears is the symptom of
 a) stickler syndrome b) Ehler's Danlos syndrome
 c) Sjogren's syndrome d) Turner's syndrome
- The location and numbers of Malpighian tubules in Periplaneta.
 a) At the junction of midgut and hindgut, about 150.
 b) At the junction of foregut and Midgut, about 150
 c) Surrounding gizzard, eight
 d) At the junction of colon and rectum, eight
- Calculate the BMI of a 50kg person with a height of 160cms.
 a) 18.5 b) 20 c) 19.5 d) 19
- Total lung capacity (TLC)
 a) ERV + TV + IRV b) VC + RV c) TV + ERV d) TV + IRV
- The structure of the heart was described by
 a) Aristotle b) Robert Brown
 c) John Ray d) Raymond de Viessens
- Which of the following plasma proteins is involved in the coagulation of blood?
 a) Globulin b) Fibrinogen c) Albumin d) Serum amylase
- The end product of Ornithine cycle is
 a) Carbon dioxide b) Uric acid c) Urea d) Ammonia
- The pointed portion of the elbow is
 a) Acromion process b) Glenoid cavity c) Olecranon process d) Symphysis
- _____ is the seat of intelligence.
 a) Cerebrum b) Mid brain c) Hind brain d) Pons Varoli
- The thick bundle of elongated nerve roots within the lower Vertebral Canal is called
 a) Foramen of Monro b) Cerebral aqueduct c) Cauda equina d) dorsal horn
- Which of the following gland is related with immunity
 a) Pineal gland b) Adrenal gland c) Thymus d) Parathyroid gland
- Name the fluid used to dilute RBC
 a) Hayme's fluid b) Turk's fluid c) Acetic acid d) Toison's fluid
- Choose the correctly matched pair:
 a) Egg Layers - Brahma
 b) Broiler types - Leghorn
 c) Dual Purpose - White plymouth rock
 d) Ornamental breeds - Silkie

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XI - ZOOLOGY

SECTION - II

Answer any six of the following. Question No.21 is compulsory.**6×2=12**

16. Differentiate between probiotic and pathogenic bacteria.
17. What is Autopsy?
18. Write the enzymes present in succus entericus.
19. Resistance in the airways is typically low. Why? Give two reasons.
20. Define Atherosclerosis.
21. Draw an ornithine cycle.
22. What is Physiotherapy?
23. What are the types of Sphygmomanometer?
24. Write the advantages of composite fish farming?

SECTION - III

Answer any six of the following. Question No.30 is compulsory.**6×3=18**

25. What is Coelom? Write its types.
26. Differentiate white adipose tissue from brown adipose tissue.
27. Write the economic importance of Frog.
28. Write the name of ducts present in salivary glands.
29. Write down the conditions that favours the formation of Oxyhaemoglobin.
30. Draw the different types of WBC.
31. How is tetany caused?
32. What is Presbyopia?
33. What are the advantages of artificial insemination?

SECTION - IV

Answer all the questions:**5×5=25**

34. List out the salient features of Phylum Arthropoda. (OR)
Explain the digestive system of frog with suitable diagram.
35. Write the functions of Liver. (OR)
Explain how Carbon dioxide is transported in Lungs.
36. Explain the origin and conduction of heart beat. (OR)
Write the functions of skeletal system.
37. Draw and label the structure of Human brain. (OR)
Write short notes on : i) Myxedema ii) Addison's disease iii) Hypoglycemia
38. Write notes on economically important byproducts of fishes. (OR)
Write the significance of CT scan.