

A-4-A

Roll No.....

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

X1RKDO18

20804-A

ZOOLOGY

(BIOLOGY)



Time : 1½ Hours]

[Maximum Marks : 35

Section-A

(Long Answer Type Questions)

5 each

1. What is Cell ? Explain in brief the structure of Eukaryotic cell with suitable diagram.

Or

What are Proteins ? Explain in brief the structure of proteins.

2. Briefly describe the structure of human eye with the help of a labelled diagram.

Or

Describe the structure of human neuron with the help of a labelled diagram.

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Turn Over

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Section-B

(Short Answer Type Questions)

3 each

- 3. Give the characteristic features of living organisms.
- 4. Give the general characteristic features of phylum arthropoda.
- 5. Define Tissues. Explain in brief the epithelial tissue with the help of suitable diagram.
- 6. Explain in brief double circulation (human).

Section-C

(Very Short Answer Type Questions)

2 each

- 7. Write a short note on Zoological parks.
- 8. Differentiate between Prokaryotic and Eukaryotic cell.
- 9. What are Enzymes ? Give their functions.
- 10. Write down in brief morphology of frog.

Section-D

(Objective Type Questions)

1 each

- 11. (i) New cells generate from :
 - (A) Bacterial fermentation
 - (B) Regeneration of old cells
 - (C) Pre-existing cells
 - ✓ (D) Abiotic material

- (ii) Which epithelial tissue is found in the walls of blood vessels and air sacs of lungs ?
 - (A) Squamous epithelium
 - (B) Cuboidal epithelium
 - (C) Columnar epithelium
 - (D) Ciliated epithelium
- (iii) Mark the odd one in the following :
 - (A) Protonema
 - (B) Mesothorax
 - (C) Metathorax
 - (D) Coxa
- (iv) Name the hormones stored and released by posterior pituitary gland.
- (v) A healthy adult human excretes (on an average)^x gm of urea/day.

(Fill in the blank)