

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

A-4-A

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(2)

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) gm of urea/day. (Fill in the blank)

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