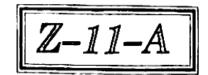
Roll No.



Total No. of Questions: 16]

[Total No. of Printed Pages : 4

11thARF(SZ)JKUT2024–25 211–A ZOOLOGY

(BIOLOGY)

Time: 1½ Hours] [Maximum Marks: 35

Section-A

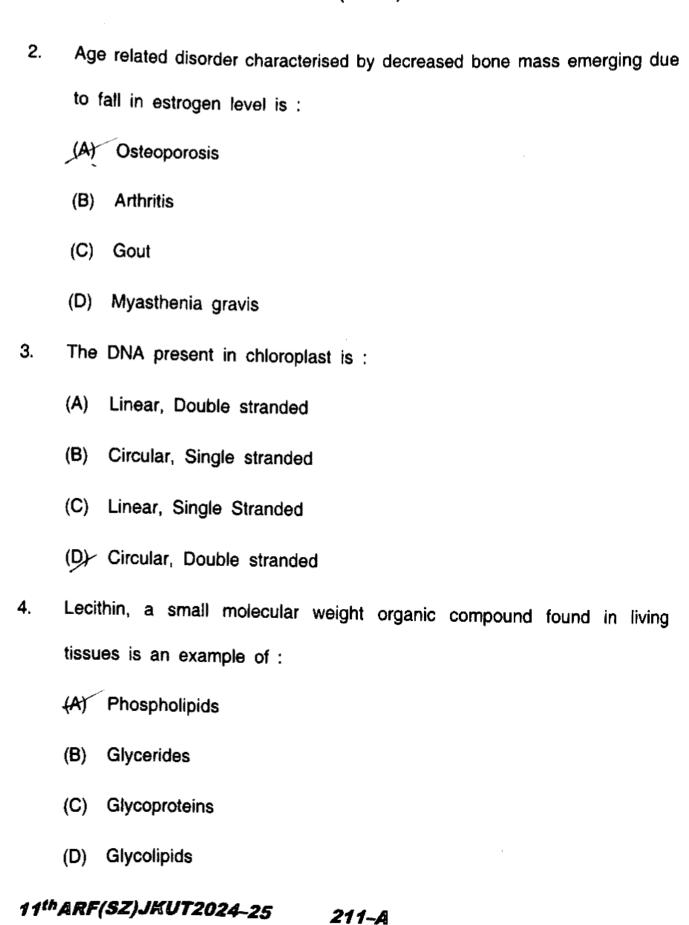
1 each

- 1. Coelenterates which exhibit metagenesis have two basic body forms called polyp and medusa. Which of the options represent their correct reproduction mode ?
 - (A) Polyp produces medusa asexually.
 - (B) Medusa produces polyp asexually
 - (C) Polyp produces medusa sexually
 - (D) All of these

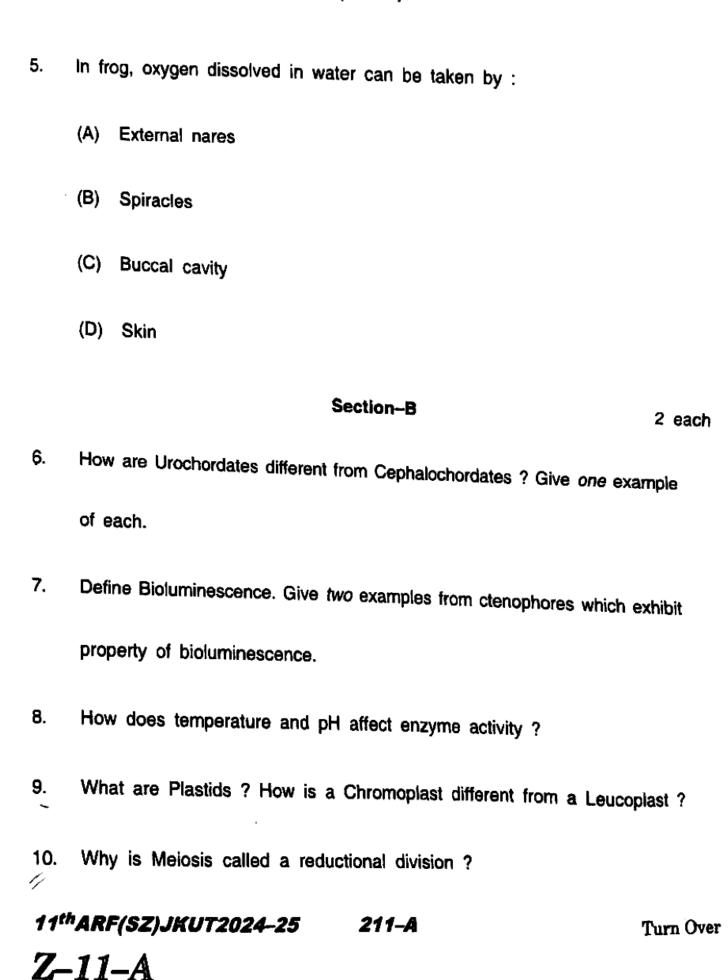
11th ARF(SZ)JKUT2024-25 211-A

Turn Over

Z-11-A



Z-11-A



https://www.jkboseonline.com

Section-C

3 each

5

- What are Enzymes? How are Lyases different from Ligases? Give one example for each.
- 12. Write down the salient features of phylum Coelenterata.
- 13 Give the details of events which occur during interphase of a cell cycle.
- 14. Write a short note on oxygen dissociation curve.
- Briefly explain the mechanism of muscle contraction.

 https://www.jkboseonline.com

Section-L

16. Draw a well-labelled diagram of Human Kidney and with the help of a flow chart highlight path of urine drainage from collecting ducts to outside.

Or

Define a Neuron. Give an account on mechanism of synaptic transmission.

11th ARF(SZ)JKUT2024-25

211-A

Z-11-A