

BIO - ZOOLOGY
SECTION - A

2 X 1 = 2

I Choose the correct answer.

1. A group of organism having similar traits of a rank is
a) species b) taxon c) genus d) family
2. Which of the following is not correctly paired?
a) Human - ureotelic
b) Birds - uricotelic
c) Lizards - uricotelic
d) Whale - ammonotelic

SECTION - B

2 X 2 = 4

II Answer any two questions.

3. Differentiate between probiotics and pathogenic bacteria.
4. What is trinomen classification.
5. What are flame cells?
6. List any 2 functions of air bladder in fishes.

SECTION - C

III Answer any two of the following.

2 X 3 = 6

7. What is cladogram? Draw a model cladogram.
8. What are the need for classifications.
9. Compare closed and opened circulatory system.
10. List three features that characterise bony fishes.

SECTION - D

IV Answer in detail.

1 X 5 =

11. a) Can we use recent molecular tools to identify and classify organisms.

(OR)

- b) Compare chordates and non - chordates.