

NEW
Part-III 3-Tier
2018

ZOOLOGY
(Honours)
PAPER—VIII
(PRACTICAL)

Full Marks : 100

Time : 5 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all questions.

Unit—A
(Experiments on Ecology
and Environmental Management)

1. Estimate the Dissolved Oxygen/Free Carbon-di-oxide/Alkalinity (any one as per instruction) of the water sample provided. Write down the principle and ecological significance of the result obtained.

16+5+4

(Turn Over)

Unit—B

**(Identification : For non-chordates up to sub-class
and for chordates up to order)**

2. Identify the five (A, B, C, D, E and F) specimens (non-chordates up to sub-class and chordates up to order) with reasons. 5×6

[For Reasons - 4 marks and Scientific names - 1 mark]

3. Write the systematic position, scientific name and importance of the specimen (G & H) provided. 5×2

[For Systematic position - 2 marks, scientific name - 1 mark, Importance - 2 marks]

Unit—C

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| 4. Project / Review work | 10 |
| 5. Field report | 10 |
| 6. Laboratory Note Book
(Duly signed by the respective teachers) | 10 |
| 7. Viva Voce. | 05 |