

Code No. 5541/ET

FACULTY OF SCIENCE
B.Sc. I Year Examination, March/April 2013
ZOOLOGY
Paper—I
Biology of Invertebrates and Cell Biology

Time : Three Hours]

[Maximum Marks : 100

Note :— Draw the diagrams wherever necessary.

SECTION—A (Marks : 5×8=40)

(Short Answer Type)

Answer any FIVE questions. Attempt at least ONE question from each unit.

UNIT—I

1. ✓ Autogamy.
2. Redia larva.

UNIT—II

3. Zoaea.
4. ✓ Bipinnaria larva.

UNIT—III

5. ✓ Mitochondria.
6. ✓ Ribosomes.

UNIT—IV

7. Structure of Purines.
8. ✓ Nucleic acids.

SECTION—B (Marks : 4×15=60)

(Essay Answer Type)

Answer ALL questions.

- 110
126
3 } 9. (a) Describe any two types of coral reefs and write about the climatic conditions suitable for their formation.

OR

- (b) Describe the structure and functions of the nephridium of Hirudinaria.

LBS—36787

(Contd.)

150
35
335
24
59110
31
5915
28
31