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

UNIT—III
5. Mitochondria.
6. Ribosomes.

UNIT—IV
7. Structure of Purines.

SECTION—B (Marks : 4×15=60)
(Essay Answer Type)
Answer ALL questions.

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.