

Exam. Code 103201 Subject Code 1308

#### B.A./B.Sc. Semester—I

# ZOOLOGY ZOO-I (B) (Biodiversity-I, Protozoa to Annelida)

Time Allowed—3 Hours

[Maximum Marks—35

Note:—There are total 9 questions. Question No. 1 is compulsory which will carry 1 mark each and candidates have to attempt ONE question each from remaining FOUR units and each question will carry 7 marks each.

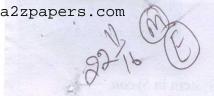
- (1) What is Circumvalation in *Amoeba*? I.
  - (2) Explain signet ring stage.
  - (3) What is killer trait?
  - Explain Medusa in Obelia.
  - (5) Explain flame cell in Fasciola hepatica.
  - (6) Explain gravid proglottis of *Taenia solium*.
  - Explain Pseudocoel in Ascaris.

## UNIT-I

- II. Explain about sexual reproduction in Amoeba.
- Discuss sexual cycle of *Plasmodium vivax* in mosquito. III.

48(2116)/RRA-8059

(Contd.)



Exam. Code 103201 Subject Code 1308

#### B.A./B.Sc. Semester—I

# **ZOOLOGY ZOO-I (B) (Biodiversity-I, Protozoa to Annelida)**

Time Allowed—3 Hours

[Maximum Marks—35

Note: — There are total 9 questions. Question No. 1 is compulsory which will carry 1 mark each and candidates have to attempt ONE question each from remaining FOUR units and each question will carry 7 marks each.

- (1) What is Circumvalation in *Amoeba*? L
  - Explain signet ring stage. (2)
  - (3) What is killer trait?
  - (4) Explain Medusa in Obelia.
  - (5) Explain flame cell in Fasciola hepatica.
  - (6) Explain gravid proglottis of Taenia solium.
  - (7) Explain Pseudocoel in Ascaris.

#### UNIT-I

- II. Explain about sexual reproduction in Amoeba.
- III. Discuss sexual cycle of *Plasmodium vivax* in mosquito.

48(2116)/RRA-8059

(Contd.)

### UNIT-II

- IV. Explain in detail about Canal System in Sycon.
- Explain blastostyle in Obelia and draw labelled diagram. V.

## UNIT-III

- VI. Explain reproductive system of Fasciola hepatica with diagram.
- VII. Discuss life history of Taenia solium.

#### UNIT-IV

- VIII. Explain detailed male body wall structure in Ascaris.
- IX. Write in detail about digestive system of Pheretima posthuma.

a2zpapers.com