

Exam. Code : 103201

Subject Code : 1270

B.A./B.Sc. 1<sup>st</sup> Semester (Batch 2021-24)

**ZOOLOGY**

Paper—Zoo-IB

(Biodiversity—I (Protozoa to Annelida))

Time Allowed—3 Hours] [Maximum Marks—35

**Note** :—Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The **fifth** question may be attempted from any section. All questions carry equal marks.

**SECTION—A**

1. Discuss in detail about locomotion in *Amoeba proteus*. 7
2. Explain in detail about exoerythrocytic stage of *Plasmodium vivax* in liver of man. 7

**SECTION—B**

3. Discuss in detail about canal system in *Sycon*. 7
4. Explain phenomenon of polymorphism in *Obelia* in detail. 7

**SECTION—C**

5. While giving brief written account, draw labeled diagram of male and female reproductive organs of *Fasciola hepatica*. 7

6. Discuss life history of *Taenia solium* in detail. 7

**SECTION—D**

7. Discuss in detail about Body Walls of *Ascaris*. 7
8. Discuss reproductive system of *Pheretima posthuma* in detail. 7