

Exam. Code : 103206

Subject Code : 1440

B.A./B.Sc. 6<sup>th</sup> Semester

ZOOLOGY

Paper—Zoo-VI A, Opt. (i)

(Medical Zoology)

Time Allowed—Three Hours] [Maximum Marks—35

**Note** :— Section-A is compulsory. Attempt **FOUR** questions in Section-B, **ONE** from each unit.

**SECTION—A**

1. Explain the following :—

- (a) Endoparasite
- (b) Gamogony
- (c) Hydatid Cyst
- (d) Sand Fly
- (e) IgE
- (f) Live Vaccine
- (g) Innate Immune Response.

7×1=7

**SECTION—B**

**UNIT—I**

2. Describe the life cycle of *Trypanosoma* emphasizing on its pathogenicity to humans. 7

3. Write notes on the following :

(a) Blood fluke

(b) Pathogenic Bacteria. 3.5+3.5=7

#### UNIT—II

4. Describe life cycle of pediculus. Explain control measures for filariasis. 7

5. What do you know about occurrence and eradication of small pox ? 7

#### UNIT—III

6. Describe structure and functions of IgM antibody. 7

7. Write notes on the following :—

(a) CMI

(b) Chemical properties of antigens. 3.5+3.5=7

#### UNIT—IV

8. Describe principle and functions of RIA. 7

9. Write notes on the following :

(a) Immuno diffusion

(b) Adjuvants. 3.5+3.5=7