

PAPER ID—10317

**B. Sc. (Hons.) EXAMINATION, 2023**

(Sixth Semester)

ZOOLOGY

Code : Paper-602

Applied Zoology

*Time : 3 Hours**Maximum Marks : 40*

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

**Note :** Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory.

**(Compulsory Question)**

1. Answer to each part should not exceed 20 words : **10×1=10**
- Name the infective stage of *Ancylostoma duodenale*.
  - Give the scientific name of malaria vector.
  - Name *two* carbamates.
  - Define sericulture.
  - Give the scientific name of pink ballworm.
  - Define Demography.
  - Expand GIFT
  - Define Parturition.
  - What is fish seed ?
  - Name the causative pathogen of swine flu.

**Unit I**

2. Describe the mode of transmission, epidemiology, prevention and control of Tuberculosis. **7.5**

3. Explain the life history and pathogenicity of *Ancylostoma duodenale*. 7.5

### Unit II

4. Discuss in detail the causes, diagnosis and management of Infertility in male and female human beings. <https://www.haryanapapers.com> 7.5
5. Write short notes on the following :
- (a) *In-vitro* fertilization 4
- (b) Implantation. 3.5

### Unit III

6. Describe the life history and control measures for *Earias vittella*. 7.5
7. Write short notes the following :
- (a) Integrated Pest Management 4
- (b) Organophosphates. 3.5

### Unit IV

8. Discuss the various aspects of apiculture. 7.5

9. Write short notes on the following :

- (a) Induced breeding 4
- (b) Role of Zebrafish in biotechnology. 3.5

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