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Y—140—2019

FACULTY OF SCIENCE

B.Sc. (Third Year) (Fifth Semester) (Backlog) EXAMINATION

OCTOBER/NOVEMBER, 2019

(CBCS Pattern)

ZOOLOGY

(Applied Parasitology-I)

Paper XIII (B)

(Parasitic Protozoa and Platyhelminthes)

(Wednesday, 20-11-2019)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

- N.B. :—**
- (i) Attempt *all* questions.
 - (ii) *All* questions carry equal marks.
 - (iii) Illustrate your answer with suitable labelled diagram.

1. Attempt any *four* of the following : 8
 - (a) Parasitology
 - (b) Balantidiasis
 - (c) *Gastrodiscoides hominis*.
 - (d) Mature segments of *Echinococcus granulosus*.
 - (e) Host
 - (f) Treatment of *schistosomiasis*.
2. Attempt any *two* of the following : 8
 - (a) Life cycle of *Entamoeba histolytica*.
 - (b) General organization of parasitic protozoa.
 - (c) Life cycle of *Balantidium coli*.

P.T.O.

3. Attempt any *one* of the following : 8
- (a) Give an account on morphology, pathogenicity, prophylaxis and treatment of *Trypanosoma gambiense*.
 - (b) Describe the morphology, pathogenicity of *Trichomonas vaginalis*.
4. Attempt any *two* of the following : 8
- (a) Classification of Trematodes.
 - (b) Larval forms in Cestodes.
 - (c) Morphology of *Taenia solium*.
5. Attempt any *one* of the following : 8
- (a) Write an account on larval forms in Trematodes.
 - (b) Describe structure, pathogenicity and treatment of *Echinococcus granulosus*.