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Y—144—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

OCTOBER/NOVEMBER, 2019

(CGPA Pattern)

ZOOLOGY

Paper XIII (B)

(Applied Parasitology—I [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) Draw well labelled diagrams wherever necessary.

1. Write notes on any *four* of the following : 8
 - (a) Parasitism.
 - (b) Amoebiasis.
 - (c) Hydatid cyst.
 - (d) Hexacanth larva.
 - (e) Coccidiosis.
 - (f) Paragonimiasis.
2. Write notes on any *two* of the following : 8
 - (a) Morphology of *Giardia intestinalis*.
 - (b) Life cycle of *Trypanosoma gambiense*.
 - (c) Introduction of Parasitic Protozoa.
 - (d) Pathogenicity and control measures of *Trichomonas vaginalis*.

P.T.O.

3. Write notes on any *two* of the following : 8
- (a) Morphology of *Balantidium coli*.
 - (b) Life cycle of *Entamoeba coli*.
 - (c) Types of Parasites.
 - (d) Pathogenicity and control measures of *Entamoeba histolytica*.
4. Write notes on any *two* of the following : 8
- (a) General organization of trematodes.
 - (b) Comparative account of reproductive organs of trematodes and cestodes.
 - (c) Life cycle of *Taenia saginata*.
 - (d) Pathogenicity and control measures of *Echinococcus granulosus*.
5. Write long answer of any *one* of the following : 8
- (a) Describe the life cycle, pathogenicity and control measures of *Schistosoma haematobium*.
 - (b) Explain the larval forms of Cestodes.