

This question paper contains 2 printed pages]

**SB—106—2022**

**FACULTY OF SCIENCE AND TECHNOLOGY**

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

**MAY/JUNE, 2022**

**(CBCS/New Pattern)**

**ZOOLOGY**

**Paper-XIII**

**[Applied Parasitology-I (Applied Zoology)]**

**(Friday, 17-06-2022)**

**Time : 10.00 a.m. to 12.30 p.m.**

*Time— 2½ Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt all questions.*

*(ii) Illustrate your answers with suitably lalelled diagrams, wherever necessary.*

1. Give an account of morphology, life cycle, pathogenecity, prophylaxis and treatment of *Trypanosoma gambiense*. 15

*Or*

(i) Explain life cycle of *Entamoeba histolytica*. 8

(ii) Describe trophozoite of *Trichomonas vaginalis*. 7

2. Explain morphology, life-cycle, pathogenecity, diagnosis and treatment of *Echinococcus granulosus*. 15

*Or*

(i) Describe general organization of trematodes. 8

(ii) Write in brief morphology, pathogenecity and treatment of *Gastrodis-coides hominis*. 7

**P.T.O.**

3. Attempt any *two* of the following :

10

- (i) Coccidiosis and its control measures
- (ii) Parasite
- (iii) Scolex of *Taenia solium*.
- (iv) Cercaria larva.