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**SB—72—2022**

**FACULTY OF SCIENCE & TECHNOLOGY**

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

**MAY/JUNE, 2022**

**(CBCS/New Pattern)**

**ZOOLOGY**

**(Paper-XV)**

**Applied Zoology-B**

**(Applied Parasitology-II)**

**(Parasitic Nematode and Arthropod)**

**(Tuesday, 14-06-2022)**

**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 suitable labelled diagrams wherever necessary.*

1. Describe morphology, life-cycle and pathogenecity of *Ancylostoma duodenale*. 15

*Or*

(a) Explain morphology and treatment of *Meloidogyne*. 8

(b) Write life-cycle and pathogenicity of *Hetrodera*. 7

2. Give an account of the morphology, life-cycle and diseases of Ticks. 15

*Or*

(a) Explain morphology and control measure of *Siphonaptera*. 8

(b) Chemical control of Insects. 7

P.T.O.

3. Attempt any *two* of the following :

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- (a) Filaria from Larva
- (b) Housefly
- (c) Malaria
- (d) Chikungunya.