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GA—57—2023

FACULTY OF SCIENCE AND TECHNOLOGY

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

APRIL/MAY, 2023

(CBCS New Course)

ZOOLOGY

Paper XV

(Applied Parasitology-II) (Parasitic Nematode and Arthropod)

(Tuesday, 02-05-2023)

Time : 10.00 a.m. to 12.00 noon

Time— Two Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) Illustrate your answers with suitable labelled diagram wherever necessary.

1. Describe morphology, life-cycle and pathogenicity of *Wuchereria bancrofti*. 15

Or

(a) Morphology and pathogenicity of *Tylenchulus*. 8

(b) General organization of Plant Nematodes. 7

2. Give an account of the morphology, life-cycle and control measures of mites. 15

Or

(a) Explain morphology and pathogenicity of Anopleura. 8

(b) Biological control of insects. 7

P.T.O.

WT

(2)

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3. Attempt any *two* of the following :

10

- (a) Rhabdity form larva
- (b) Bot fly
- (c) Yellow fever
- (d) Morphology of melodogyne.