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SB—76—2022

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Sixth Semester) EXAMINATION

JUNE/JULY, 2022

(CBCS/Old Course)

ZOOLOGY (Applied Parasitology–II)

Paper XV (B)

(Parasitic Nematodes and Arthropods)

(Tuesday, 14-6-2022)

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

Time—2½ Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) Draw the diagrams, wherever necessary.

1. Describe the morphology, life cycle and pathogenicity of *Tylenchulus*. 15

Or

(a) Explain the life cycle of *Ancylostoma duodenale*. 8

(b) Describe the morphology and treatment of *enterobius vermicularis*. 7

2. Explain the morphology, life-cycle, diseases and control measures of mites. 15

Or

(a) Describe the structure and control measures of Hymenoptera. 8

(b) Explain the pathogenicity and control measures of Mallophaga. 7

3. Attempt any *two* out of the four : 10

(a) Classification of Animal nematodes

(b) Control measures of Heterodera

(c) Control measures of Ticks

(d) Elephantiasis.

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