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NA—66—2023

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2023

(CBCS/New Pattern)

ZOOLOGY

Paper—XIII-C

(Applied Zoology)

(Entomology–I)

(Thursday, 14-12-2023)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :- (i) Attempt all questions.

(ii) Illustrate your answers with suitably labelled diagrams wherever necessary.

1. Describe external morphology with classification of cockroach. Add a note on sexual dimorphism. 15

Or

Explain the following :

(a) Medical and industrial entomology 8

(b) Explain methods of insect collection. 7

2. Give an account on hormonal control of metamorphosis. 15

Or

(a) Salient features with suitable examples of order Lepidoptera and Odonata. 8

(b) Salient features with suitable examples of order Coleoptera and Deptera. 7

P.T.O.

WT

(2)

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3. Attempt any *two* of the following :

10

- (a) Hand nets
- (b) Trachea
- (c) Honeybee
- (d) Ametabola.