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SB—111—2022

FACULTY OF SCIENCE AND TECHNOLOGY

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

JUNE/JULY, 2022

(CBCS/Old)

ZOOLOGY

Paper XIII

(Applied Zoology)

(C—Entomology—I)

(Friday, 17-6-2022)

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

Time—2½ Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

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

1. Define Entomology. Add a note on agriculture and industrial entomology. 15

Or

(a) Explain digestive system of cockroach. 8

(b) Explain male reproductive system of cockroach. 7

2. Explain salient features of order Coleoptera with suitable examples. 15

Or

(a) Explain hormonal control of metamorphosis in insects. 8

(b) Explain effect of light and humidity on insect life. 7

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

(a) Aspirator

(b) Crop of cockroach

(c) House fly

(d) Parametabola.

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