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X—50—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

OCTOBER/NOVEMBER, 2019

ZOOLOGY

Paper-XIII (C) (DSEZ-I)

(Entomology-I)

(Tuesday, 3-12-2019)

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 suitable labelled diagrams wherever necessary.

1. Explain various methods of insect collections. 15

Or

(a) Explain digestive system of cockroach. 8

(b) Explain nervous system of cockroach. 7

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

Or

(a) Explain holometabola. 8

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

3. Attempt any two of the four : 10

(a) General characters of class insecta

(b) Sexual diamorphism in cockroach

(c) Honey bee

(d) Growth hormone.

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