Roll No……..….. **Total No. of Printed Pages: [01]**
Total No. of Questions: [09]

B.Sc. (Forensic Science) (Semester – 3rd)
FORENSIC ENTOMOLOGY
Subject Code: BHFSS1303
Paper ID: [21132211]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Write short note on the following:

a) Entomology
b) Arthropods
c) Insects
d) Maggots
e) Corpse
f) Metamorphosis
g) Carrion
h) Chitin
i) Enotomotoxicology
j) Postmortem interval

Section – B **(5 marks each)**

Q2. Discuss the forensically important insects.
Q3. Write a detailed note on arthropod biology.
Q4. Explain the challenges in Forensic Enotomotoxicology
Q5. Write note on the taxonomy of arthropods
Q6. Write note on the implications of morphometric and growth rate.

Section – C **(10 marks each)**

Q7. Discuss introduction and history of Forensic Entomology.
Q8 Discuss the life cycles of insects in detail.
Q9. Describe the stages of decomposition and its relationship to determine time since death