Roll No……..….. **Total No. of Printed Pages: 1**
Total No. of Questions: [09]

B. Sc. (Forensic Science) (Semester – 3rd)
CRIMINALISTICS
Subject Code: BMFSS1301
Paper ID: 23480122

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. Attempt the following:

a. Define crime.
b. Birefringence.
c. Methods of documenting crime scene.
d. Forensic importance of paint.
e. Refractive index.
f. Homogenization of soil sample
g. Types of cements
h. Indented marks
i. Methods for making cast of 3 dimensional prints.
j. Nondestructive test for fibre.

Section – B **(5 marks each)**

Q2. Define chain of custody. Also give its importance in crime cases.
Q3. Explain the procedure to collect, pack and analyze the glass evidence encountered in crime cases.
Q4. What is fibre? Give its classification and forensic significance in criminal investigation.
Q5. How will you proceed to investigate a scene of flyover collapse?
Q6. Write a note on types of glass, fractures analysis.

Section – C **(10 marks each)**

Q7. What are trace evidences? Give forensic significance of trace evidence. Discuss their collection, packaging and transportation methods.
Q8. Discuss various methods used for restoration of erased or obliterated marks on stolen vehicles.
Q9. Write a note on:

a. Forensic importance of tool mark analysis.
b. Forensic examination of soil.