

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 2992

I

Unique Paper Code : 2154002001

Name of the Paper : (Generic) : Forensic and
Criminal Investigations

Name of the Course : **B.Sc. (H) Part-II –
November-December 2024
(NEP-UGCF-2022)**

Semester : III

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt any **five** questions.
3. **All** questions carry equal marks.

1. Define the term 'Forensic'. Describe various divisions of a Forensic Science Laboratory.
2. What is criminology, and how does it contribute to forensic science? Discuss its relationship with criminal anthropology and criminal law.
3. Explain the history and classification of firearms. How do forensic experts classify and identify firearms used in crimes?

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4. What are the field and laboratory tests used to identify drugs of abuse in forensic chemistry? Discuss their importance in criminal investigations.
5. Explain the history and classification of fingerprints. What are the various types of fingerprints found at crime scenes?
6. Illustrate the classification of forensic documents. Describe the importance of natural variation and disguised writing.
7. Describe the methods used for stature estimation from skeletal remains. How does this aid in identifying individuals?
8. Discuss the biochemistry and genetics of ABO, Rh, and MN blood systems. How is this information used in forensic investigations?
9. Write short note of **any two** of the following :
 - (a) Types and scope of crime
 - (b) Classification and extraction of poison
 - (c) Application of DNA profiling in criminal investigations
 - (d) Human and non-human identification