

PRACTICE SET
End Semester Examination, May 2026

Program: BMLT

Semester: II

Subject: Basics of Forensic Sciences

Subject Code: 42ABMT017

Course Outcome:

On the completion of the Course, the students will be able to:

Course Outcomes	Description
CO1	Understand the Role of Forensic Science explain the scope, importance, and interdisciplinary nature of forensic science in the context of the legal system.
CO2	Apply Basic Forensic Techniques demonstrate knowledge of fundamental forensic procedures, including the collection, preservation, and analysis of physical evidence.
CO3	Understand Legal and Ethical Aspects understand the ethical considerations and legal implications involved in forensic investigations and laboratory work.
CO4	Apply relevant laboratory techniques from medical lab technology to forensic applications taxology, Serology, Microscopic.
CO5	Understand in multidisciplinary teams with law enforcement, medical, and forensic experts during investigations.

1. Section A: 10 Marks Question covering All units (Total No. of questions 30)

2. Section B: 20 Marks Question covering All units (Total No. of questions 10)

UNIT I

Section A (10 marks)

1. Define the forensic science and its application. (CO1, Remember, LOT)
2. State the scope of forensic science. (CO1, Understand, LOT)
3. List the branches of forensic science. (CO1, Remember, LOT)
4. Explain the importance of forensic labs. (CO1, Understand, LOT)
5. Differentiate FSL and CFSL. (CO1, Analyze, HOT)
6. Evaluate the development of forensic science in India. (CO1, Evaluate, HOT)

Section B (20 marks)

7. Outline the branches of forensic science in detail. (CO1, Analyze, HOT)
8. Review the role in criminal justice system. (CO1, Evaluate, HOT)

UNIT II

Section A (10 marks)

9. List the biological evidence. (CO2, Remember, LOT)
10. Explain the preservation of evidence. (CO2, Understand, LOT)
11. Describe the fingerprint types. (CO2, Understand, LOT)
12. Differentiate loop and whorl fingerprints. (CO2, Analyze, HOT)
13. Analyze the importance of chain of evidence. (CO2, Analyze, HOT)
14. Evaluate the methods of evidence collection. (CO2, Evaluate, HOT)

Section B (20 marks)

15. Outline the fingerprint analysis methods. (CO2, Analyze, HOT)
16. Evaluate the importance of trace evidence. (CO2, Evaluate, HOT)

UNIT III

Section A (10 marks)

17. Define the expert witness? (CO3, Remember, LOT)
18. Explain the court testimony. (CO3, Understand, LOT)
19. Define the ethics in forensic science. (CO3, Understand, LOT)
20. Memorize the report writing? (CO3, Remember, LOT)
21. Explain the documentation. (CO3, Understand, LOT)
22. Differentiate IPC and CrPC. (CO3, Analyze, HOT)

Section B (20 marks)

23. Review the ethics in forensic science. (CO3, Evaluate, HOT)

24.Simplify the report writing and documentation. (CO3, Analyze, HOT)

UNIT IV

Section A (10 marks)

25.Define the poison. (CO4, Remember, LOT)

26.Classify the toxins. (CO4, Understand, LOT)

27.List the routes of administration. (CO4, Remember, LOT)

28.Explain the sample collection. (CO4, Understand, LOT)

29.Apply the toxicological analysis methods. (CO4, Apply, HOT)

30.Evaluate the analytical techniques. (CO4, Evaluate, HOT)

Section B (20 marks)

31.Simplify the post-mortem changes. (CO4, Analyze, HOT)

32.Evaluate the medico-legal aspects of injuries. (CO4, Evaluate, HOT)

UNIT V

Section A (10 marks)

33.List the types of crime scenes. (CO5, Remember, LOT)

34.Explain the crime scene management. (CO5, Understand, LOT)

35.Define the chain of custody. (CO5, Remember, LOT)

36.Explain the documentation methods. (CO5, Understand, LOT)

37.Evaluate the crime scene handling. (CO5, Evaluate, HOT)

38.Review the multidisciplinary teamwork. (CO5, Evaluate, HOT)

Section B (20 marks)

39.Outline the chain of custody importance. (CO5, Analyze, HOT)

40.Evaluate the role of teamwork in investigation. (CO5, Evaluate, HOT)

Summary Sheet

CO Wise

CO	Q. No	Marks
CO1	1,2,3,4,5,6,7,8	100
CO2	9,10,11,12,13,14,15,16	100
CO3	17,18,19,20,21,22,23,24	100
CO4	25,26,27,28,29,30,31,32	100
CO5	33,34,35,36,37,38,39,40	100
Total		500

Unit Wise

Unit	Q. No	Marks
Unit 1	1,2,3,4,5,6,7,8	100
Unit 2	9,10,11,12,13,14,15,16	100
Unit 3	17,18,19,20,21,22,23,24	100
Unit 4	25,26,27,28,29,30,31,32	100
Unit 5	33,34,35,36,37,38,39,40	100
Total		500

Blooms Taxonomy Level (BTL) Wise

BTL	Q. No	Marks
LOT	1,2,3,4,9,10,11,17,18,19,20,21,25,26,27,28,33,34,35,36	200
HOT	5,6,7,8,12,13,14,15,16,22,23,24,29,30,31,32,37,38,39,40	300
Total		500

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Disclaimer: -This is a Practice set. The Question in End term examination will differ from the Practice set. This Practice set is meant for practice only.