

Jan-2026

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Forensic Science

[Time: 3 Hours]

[Max. Marks: 80]

V SEMESTER

PAPER - I (Forensic Ballistics)

QP CODE: 8555

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define Terminal Ballistics, Describe various effects of projectiles on hitting targets

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Automated management of ballistic data
3. Effect of intermediate targets
4. Matching of bullets and cartridge cases in regular firearm
5. Analysis of gunshot residues on clothes
6. Rifled firearms.
7. History and development of firearms
8. Primers and priming compounds
9. Determination of range of fire
10. Firearm reconstruction with respect to suicide

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Striking velocity.
12. Base drag
13. Chamber marks
14. Close range wounds
15. Murder and firearm injuries
16. Ricochet bullet
17. Ignition time
18. Composition of black gun powder
19. Neutron activation analysis
20. Dermal nitrate test.
21. Gas cutting

Jan-22

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[Time: 3 Hours]

[Max. Marks: 80]

V SEMESTER

PAPER - II (Discipline Specific – I Forensic Psychology)

QP CODE: 8556

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define forensic psychology? Write difference between forensic psychology and forensic psychiatry.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Write in detail significance of forensic psychology
3. Describe write difference between forensic psychology and law
4. Explain forensic psychology in court room especially case involved in section 84 and 98 of IPC
5. Write a short note on mental disorders
6. Describe eye witness testimony and confession evidence
7. Explain psychology in terrorism
8. Discuss polygraph test with special reference to voice stress analysis
9. Write Narcoanalysis principles and procedures in detail
10. Explain Legal and Ethical aspects in forensic psychology

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Explain relationship between psychology and forensic science
12. Define scope of forensic psychology
13. Explain psychology of terrorist
14. Explain hypnosis
15. Write in detail biological factors and crime
16. Define social cognition theory
17. Discuss psychology and juvenile delinquency
18. Describe Narcoanalysis applications in forensic
19. Write question formulation methods in lie-detection method
20. Short note on psychological assessment
21. Explain psychological methods and human rights of individuals

Jan-26

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[Time: 3 Hours]

[Max. Marks: 80]

V SEMESTER

PAPER - III (Discipline Specific – II Accident Investigations)

QP CODE: 8557

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Describe Scopes and significance of accidental investigations in detail.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Describe traffic accident scene
3. Write extent of motor vehicle damage
4. Accidental scene videography
5. How to management a media during site of traffic accident
6. Speed estimation at accident site
7. Tire mark as evidence in forensic investigation
8. Air bags functions and importance
9. Forensic significance of tachograph data
10. Spinal cord Injury and broken bone injury

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Explain triangulation methods of search in road accidents
12. Discuss eye witness accountability in road accident
13. Skid marks with neat diagram
14. School bus accident evidence and forensic importance
15. Explain collision model
16. Elaborate occupant's kinematics
17. Define hit and run case investigations
18. Discuss post-crash movements in road accidents
19. Explain falsification signals
20. Describe route tracing
21. Drink and drive case