

11/2/26
AN

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Forensic Science

[Time: 3 Hours]

[Max. Marks: 80]

III SEMESTER

PAPER - I (Forensic Serology)

QP CODE: 8355

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Composition, functions and forensic significance of urine. Tests for its identification.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Collection and preservation of blood evidence
3. Typing of dried blood stains
4. Tests for identification of semen
5. Morphology of spermatozoa with a neat labeled diagram
6. Composition and forensic significance of Milk
7. ABO blood groups
8. Extracellular proteins and intracellular enzymes
9. Blood stain characteristics
10. Crime scene reconstruction with the aid of bloodstain pattern analysis

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Name three differences between human and non-human blood
12. Three blood proteins
13. Three functions of semen
14. Collection of semen
15. Three constituents of urine
16. Test to identify saliva
17. ABO blood groups
18. Three cellular antigens
19. Importance of impact blood stains
20. Importance of projected blood stain patterns
21. Importance of blood trails

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3/7/26
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B.Sc. in Forensic Science

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III SEMESTER

PAPER - II (Forensic Dermatoglyphics)

QP CODE: 8356

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

Long Questions

10X1 = 10 Marks

1. Explain in detail the formation of friction ridges and the biological basis of fingerprints.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Write briefly on the fundamental principles of fingerprinting.
3. Explain the different fingerprint patterns with neat sketches.
4. Describe the importance and methods of fingerprint classification.
5. Discuss edgeoscopy and its significance in fingerprint identification.
6. Explain physical methods of developing latent fingerprints.
7. Describe the mechanism of chemical reagents used in latent print detection.
8. Explain digital methods used in fingerprint preservation and enhancement.
9. Discuss the importance and process of electrostatic lifting of footprints.
10. Write a note on ear prints and their forensic value.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define dermatoglyphics.
12. Name three fundamental principles of fingerprinting.
13. Mention three types of fingerprint patterns.
14. List three constituents of sweat important for fingerprint formation.
15. Write any three chemical methods to detect latent fingerprints.
16. Mention three types of light sources used for fingerprint visualization.
17. List three precautions in fingerprint preservation.
18. Name three uses of palm prints in identification.
19. Mention three ways of recording footprints.
20. List three uses of lip prints in forensic science.
21. State three conditions where fingerprints may be destroyed or unclear.

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III SEMESTER

PAPER - III (Criminal Law)

QP CODE: 8357

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define criminal law and describe in detail scope of criminal law

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Write in detail significance of criminal law
3. Describe various components of criminal law
4. Write cognizable and non-cognizable offences with examples
5. Write about wildlife protection act 1972
6. Describe sentences which the court of chief judicial magistrate may order
7. Explain section 354, 375 and 378 of IPC
8. Define section 390, 391 of IPC
9. Define section of 135, 136 and 137 of Cr.P.C.
10. Explain Narcotic Drugs and Psychotropic Substance, 1988

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Explain summary trial
12. Explain section of 420 and 441 of IPC
13. Define section 499 and 503 of IPC
14. Explain section 148 of Cr.P.C.
15. Explain expert witness
16. Write abridged form of judgment
17. Define article 19 and 21 of Constitution of India
18. Define article 14 and 15 of Constitution of India
19. Define article 18 of constitution of India
20. Define dowry prohibition act, 1961
21. Write about Indian Evidence Act