

**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. Describe in detail sexual assault investigations

**Short Essays: (Any – 8)**

**5 X 8 = 40 Marks**

2. Typing of dried blood stain
3. Forensic characterization of bloodstains
4. Tests for identification of semen
5. Morphology of spermatozoa with a neat labeled diagram
6. Composition and functions of sweat
7. Tests to identify urine
8. ABO blood groups
9. Blood trails
10. Documentation of bloodstain pattern evidence

**Short Answers: (Any – 10)**

**3 X 10 = 30 Marks**

11. Name three common body fluids
12. Three differences between human and non-human blood
13. Three constituents of semen
14. Three forensic significance of semen
15. Three constituents of milk
16. Test to identify saliva
17. Three significance of genetic marker typing data
18. Three cellular antigens
19. Importance of cast off blood stain patterns
20. Importance of Contact blood stain patterns
21. Importance of impact blood stain patterns

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## **B.Sc. in Forensic Science**

[Time: 3 Hours]

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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. Describe briefly on preservation of developed fingerprints and Digital imaging for fingerprint enhancement.

#### **Short Essays: (Any – 8)**

**5 X 8 = 40 Marks**

2. Types of fingerprints
3. History of fingerprinting in India
4. Automated fingerprint identification system (AFIS)
5. Cataloguing of fingerprint record
6. Explain briefly physical techniques to detect Latent fingerprints
7. Mechanism of detection of latent fingerprints by different reagents
8. Developing fingerprints on gloves
9. Importance of footprints
10. Historical importance of palm prints

#### **Short Answers: (Any – 10)**

**3 X 10 = 30 Marks**

11. Fingerprint Minutiae
12. Rolled finger prints
13. Significance of edgeoscopy
14. Significance of poroscopy
15. Constituents of sweat residue
16. Light sources in detecting Latent fingerprint
17. Preservation of developed fingerprint
18. Fingerprinting the deceased
19. Three importance of Lip prints
20. Three importance of Palm prints
21. Three importance of ear prints

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## **B.Sc. in Forensic Science**

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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. Write in detail significance of criminal law and classify criminal courts

#### **Short Essays: (Any – 8)**

**5 X 8 = 40 Marks**

2. Write scopes of criminal law
3. Describe cognizable and non-cognizable offences
4. Discuss bail procedures
5. Describe sentences which the court of chief judicial magistrate may order
6. Explain under section 354, 375 and 378 of IPC
7. Define section 390, 391 of IPC
8. Define section of 135, 136 and 137 of Cr.P.C.
9. Write note on rules of recovery of evidence
10. Explain Narcotic Drugs and Psychotropic Substance, 1988

#### **Short Answers: (Any – 10)**

**3 X 10 = 30 Marks**

11. Discuss the criminal law
12. Define section 499 and 503 of IPC
13. Explain section 148 of Cr.P.C.
14. Explain expert witness
15. Explain summary trial
16. Define article 19 and 21 of Constitution of India
17. Define article 14 and 15 of Constitution of India
18. Define article 16 of constitution of India
19. Write about Indian Evidence Act
20. Describe main reason for elephant poaching?
21. Explain salient features dowry prohibition act, 1961