

Jan-26

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Forensic Science

[Time: 3 Hours]

[Max. Marks: 80]

VI SEMESTER

PAPER I – (Forensic Toxicology)

QP CODE: 8655

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Write a note on Alcoholic and Non-alcoholic illicit liquor, crime scene management in Illicit liquor cases

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Estimation of Ethyl alcohol in blood and Urine
3. Toxicological analysis
4. Collection and preservation of viscera for poisoning cases
5. Clandestine drug laboratories
6. Collection and preservation of drug evidence
7. Gas Liquid Chromatography for Narcotics
8. Human performance toxicology
9. Analysis of Narcotics, drugs and psychotropic substances in Urine
10. Signs and symptoms of organophosphorous poisoning

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Dope test
12. Effective dose 50
13. Three antidotes
14. Proof spirit
15. Three semisynthetic narcotics
16. Three poisonous fruits
17. Three chemical intoxication tests
18. Three signs of datura poisoning
19. Three designer drugs
20. Screening tests for Psychotropic drugs
21. Three sites of deposition of arsenic in the body

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VI SEMESTER

PAPER II - (Discipline Specific Elective III- Forensic Anthropology)

QP CODE: 8656

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 about somatometry for personal identification

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Identification by observation of ear lobes
3. Measurements of ear for identification
4. Differences between male and female hip bone
5. Photofit/ identi kit
6. Scar marks and occupational marks
7. Klinefelter's syndrome
8. Identification of human bones
9. Roentgenographic superimposition technique
10. Turner syndrome

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Cephalic index
12. Three differences between Male and female Skull
13. Physiognomic circumference of head
14. Cranial index
15. Scope of forensic anthropology
16. Three uses of superimposition techniques
17. Physiognomic ear breadth
18. Three different superimposition techniques
19. Three features of Fragile X syndrome
20. Forensic significance of down syndrome
21. Portrait parle/ Bertillion system

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VI SEMESTER

PAPER III - (Discipline Specific Elective-IV-Forensic Medicine)

QP CODE: 8657

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. What is forensic pathology? Write classifications of injuries and medicolegal importance of injuries

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain approaching of death crime scene
3. Explain dying declaration and dying deposition
4. Important of command post in investigation
5. Importance of documentation of death scene
6. Explain search for buried body
7. Postmortem and antemortem drowning
8. Development and role of forensic odontology in investigation
9. Forensic importance of bite mark
10. Snake bite mark forensic importance

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. How to obtain first-hand information from caller about crime
12. How to segregate witness from crowd
13. Miranda warning card
14. Assessing crime scene and request for forensic scientists
15. Importance of documenting death scene
16. Chain of custody
17. Write importance of canvass in criminal identification
18. What is exhumation? Write procedure of exhumation
19. Define forensic pathology? Write role of forensic pathologist
20. Describe teeth pattern as evidence and its importance in investigation
21. What is forensic anthropology? Importance of handling cases like exhumation