

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Forensic Science

[Time: 3 Hours]

[Max. Marks: 80]

I SEMESTER

PAPER - IV (Introduction to Forensic Science & Criminalistics)

QP CODE: 8158

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 functions and importance of forensic science in criminal investigation

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Types of evidence according to Indian Evidence Act
3. Describe Daubert standards in expert testimony
4. Define inquest and mention the types of inquest
5. Duties of forensic scientist
6. Write any five pioneers of forensic science and their contributions
7. Directorate of forensic science services
8. National crime record bureau (NCRB)
9. Write about branches, Serology, questioned documents and computer forensic
10. Forensic report writing with examples

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Scope of forensic science
12. Physical evidence and traced evidence
13. Forensic odontology
14. Evolution of fingerprint bureau in India
15. Name the any five branches of forensic sciences
16. Mobile forensic laboratory
17. Chain of custody
18. Government examiner of questioned documents
19. Witness and eye witness
20. Define FBI and RAW
21. Central bureau of investigation (CBI)

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B.Sc. in Forensic Science

[Time: 3 Hours]

[Max. Marks: 80]

II SEMESTER

PAPER - IV (Introduction to Forensic Science & Criminalistics II)

QP CODE: 8258

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define criminalistics in detail and write Recognition, collection, identification of evidences at scene of crime

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Relationship between Criminal Justice system and Criminalistics
3. Discuss informer, witness and first responding officer
4. What is primary and secondary scene of crime
5. Explain databases management and database records system
6. Preservation of viscera's for chemical analysis
7. Role of medical experts in crime solving
8. Write any five crime scene search methods
9. Collection and preservation of blood and urine sample
10. General safety considerations while handling evidence in the crime scene management

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Securing of crime scene
12. Difference between Forensic Science and Criminalistics
13. Statement of victim
14. Role of forensic scientist at scene of crime
15. Locard's Principles
16. Biological evidence
17. Documenting the scene of crime
18. Crime scene reconstruction
19. Photography of scene of crime
20. Road traffic accident investigation
21. Traced evidence with an example

BLDE (DEEMED TO BE UNIVERSITY)
M.Sc. Allied Health Sciences (Medical Microbiology)

[Time:3 Hours]

[Max.Marks:80]

III SEMESTER
PAPER – II (Immunology)
QP CODE: 9072

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

Long Questions

10 X 3 = 30 Marks

1. Classify hypersensitivity reactions with examples. Describe type I hypersensitivity
2. Describe the basic properties of the complement system and explain the classical complement pathway
3. What is innate immunity? Elaborate on the mechanisms/factors that contribute to it.

Short Essays:

5 X 10 = 50 Marks

4. Cellular immunodeficiencies
5. Monoclonal antibodies
6. Types of Immune response
7. Graft verses Host reaction
8. Agglutination tests
9. Acquired Immunity
10. IgA Antibody
11. PCR
12. Difference between Exotoxin and Endotoxin
13. HLA typing