

Rayat Shikshan Sanstha's
Yashvantrao Chavan Institute of Science
Department Forensic Science
B. Sc. Part III Sem. VI

Paper Title: BFST 602 Applied Forensic Chemistry and Forensic Physics.
Question Bank

Q.1: Define Following Term.

- 1) Define Ballistics.
- 2) Define Narcotic drug and psychotropic substances.
- 3) Define terminal ballistics.
- 4) Define drug (according to WHO and Pharmacology).
- 5) Define aircraft according to Explosives Act 1884.
- 6) Define Stimulant and depressant.
- 7) Which stimulant drug is used to treat attention deficit hyperactivity disorder?
- 8) What is wound ballistics?
- 9) Define entrance wound.
- 10) Define Synthetic and semi-synthetic narcotic drug.
- 11) Define exit wound.
- 12) What is Yaw?
- 13) What is permanent cavity?
- 14) Define Drug Dependence and Drug Tolerance.
- 15) Define Lethal Dose and fetal dose.
- 16) Define Narcotics
- 17) Define Psychotropic substances
- 18) Define Stimulants
- 19) Define Depressants
- 20) Define Hallucinogens.
- 21) Define Natural, synthetic, semi-synthetic narcotic drugs.
- 22) What is drug dependence?
- 23) What is drug abuse?
- 24) What is drug addiction & drug habituation?
- 25) What is drug tolerance?
- 26) What is liquor & fatal dose?
- 27) What are the objectives of NDPS Act, 1985?
- 28) Define Drug according to WHO.
- 29) Define Drug according to pharmacology.
- 30) Define skid mark.
- 31) What are the part of human body involve in secondary impact injury

Q.2: Attempt any two of the following.

- a. Explain in details stopping power.
- b. Explain in details broad classification of drug.
- c. Explain in details Explosive Substances Act 1908.
- d. Explain nature of target which influence the wounding mechanism.
- e. Differentiate between entrance wound and exit wound.
- f. Explain in details Explosives Act 1884.

- g. What are the causes of drug addiction?
- h. Explain in details broad classification of Drug.
- i. Differentiate between Firearm Entry and Exit wound.
- j. Explain in detail drug addiction, drug dependence, drug abuse & drug tolerance.
- k. Explain in detail Narcotic Drugs & Psychotropic Substances & their application in forensic science.
- l. Explain in detail prevention of illicit trafficking in NDPS Act 1985
- m. Explain in detail analysis of Narcotic drugs.
- n. Explain the Types of impact and the injuries cause due to impact.
- o. Write the examination of tyre marks found on the crime scene.
- p. Explain the different identification marks on the tyre

Q.3: Attempt any four of the following.

- i. Explain in duties of FRO at the vehicular accident Crime scene.
- ii. Write a note on Narcotic drugs and psychotropic substances.
- iii. Explain importance of eyewitnesses at Vehicular Accident Crime Scene.
- iv. Write a short note on stimulants.
- v. Define explosive substance and explain section 286 of IPC 1860.
- vi. Explain effects of constructional feature of projectiles.
- vii. What is drug addiction, Explain in short causes of drug addiction & withdrawal Symptoms.
- viii. Write a note Hallucinogens.
- ix. Write a short note on Designer drug.
- x. Write a short note on exit wound.
- xi. Explain safety measures used at rail crash.
- xii. What is permanent cavity.
- xiii. Describe characteristics of tire marks.
- xiv. What is temporary cavity?
- xv. What is injury and types of firearm injuries?
- xvi. Write a short note on exit wound.
- xvii. Write a short note on Relation between drug addiction and crime – Indian Scenario
- xviii. Explain short note on Prevention of Food Adulteration Act 1954.
- xix. What are the duties of food inspector?
- xx. Explain lock time and ignition time.
- xxi. Explain erosion and corrosion.
- xxii. Write a short note on ricochet.
- xxiii. Explain in short stimulants, depressants, hallucinogens.
- xxiv. Write note on designer drugs & club drugs.
- xxv. Write note on natural, synthetic & semi-synthetic Narcotic drug.
- xxvi. Explain in short Narcotic Drugs & Psychotropic Substances
- xxvii. Write note on drug dependence, drug abuse with examples.
- xxviii. Write note on drug addiction, causes of drug addiction
- xxix. Explain in detail characteristics of drug addiction and withdrawal symptoms.
- xxx. Write note on analysis of Narcotic drugs.
- xxxi. Write short note on NDPS Act, 1985.
- xxxii. What are the prevention for illicit trafficking according to NDPS Act.
- xxxiii. What is secondary impact?
- xxxiv. what is Primary impact?

xxxv. What is Skid mark? And curved scuffmark?

B.Sc. III Forensic Science Semester VI,

BFST 603 - Applied Forensic Biology & Applied Forensic Psychology-II

Practise Question Bank

Define the following Term/Answer in One Sentence.

1. Define Forensic Anthropology
2. Define Criminal Profiling
3. Define Forensic Entomology.
4. What is Forensic Hypnosis?
5. What is Full form of DNA?
6. Define Heredity
7. Define Forensic Biotechnology
8. Define DNA fingerprinting
9. Define EEG
10. Define Polygraph
11. Explain the sources of DNA?
12. Write a full form of RFLP & RAPD.
13. Define Archaeology and Osteology.
14. Define Psychological Autopsy
15. What is layered Voice Analysis?
16. Define RFLP
17. Define VNTR
18. Define HGP
19. Define Mitochondrial DNA
20. Define Facial Reconstruction
21. Define Bitemarks
22. Explain types of Bitemark
23. Define Antemortem
24. Define Criminal Psychological profiling
25. Define Psychological autopsy

Attempt any two of the following.

1. Explain in detail collection of Entomological Evidence?
2. Explain in detail the polymorphism in DNA system.
3. Explain Daily responsibilities of Correctional Psychologist
4. Explain the Dipterans Larval Development
5. Explain the Forensic Significance of DNA profiling?
6. Explain in detail Process of Narco analysis
7. Explain in detail the types of Sutures in Skull?
8. Explain in detail the determination of time elapsed since death?
9. Explain in detail Criminal Psychological Process?
10. Explain in detail determination age from teeth?
11. Explain in detail correctional psychology?
12. Explain in detail Homes and there types?
13. Explain in detail forensic hypnosis?
14. Explain the Diagnosis and treatment of Mental Disorders?
15. Explain the Skull superimposition technique?

Attempt any four of the following.

1. Explain issues involved in development of biological profile?
2. Write a short note on Correctional Psychology?
3. Explain the Portrait Parley as per Bertillon system?
4. Write a short note on Narco analysis
5. Explain Forensic Significance of Bite marks?
6. Explain in detail Need of correctional Psychology?
7. Explain History of Forensic Odontology?
8. Write a short note on P300 - MERMER?
9. Explain Human Genome Project
10. Explain the role of Forensic Psychologist in Correctional psychologist
11. Explain Training Required for Forensic Entomologist?
12. Write a short note on Brain Fingerprinting ?
13. Explain Sexual Dimorphism?
14. Explain Indian Scenario of identification of Correctional Needs of Correctional psychology?
15. Explain Successional colonization of body?
16. Explain Psychological tests used for Investigation Purpose.
17. Explain History of Forensic Odontology?

18. Write a short note on Psychological Autopsy?
19. Explain child swapping?
20. Explain entomological evidence?
21. Define Odonotlogy. Explain types of teeth?
22. Explain difference between Male skull and Female skull?
23. Explain difference between Male Pelvis and Female Pelvis?
24. Explain correctional Homes?
25. Explain Remand Homes?
26. Explain Mental Disorders?
27. Explain BEOSP?
28. What are the psychological testing used in Criminal Profiling?
29. Explain Documentation and Expert Witness testimony?
30. Explain in detail the history of odontology?

B.Sc. III Forensic Science Semester VI,
SECCFST607 - ENTREPRENEURSHIP DEVELOPMENT IN
FORENSIC SCIENCE

Practise Question Bank

Define the following Term/Answer in One Sentence.

1. Define Entrepreneur
2. Define Management in Entrepreneurship
3. Define. Coordination
4. Define Small Scale Enterprise
5. Define Entrepreneur
6. Define. Ownership
7. Define Medium Scale Enterprise
8. Define Entrepreneur.
9. Define. Control in Management
10. Define Finance.
11. Define Small Scale enterprises
12. Define Medium Scale enterprises
13. Define Proprietorship
14. Define partnership
15. Define Infrastructure

Attempt any two of the following.

1. Explain in detail characteristics of Entrepreneur?
2. Explain the Factors affecting the Business?
3. Explain in detail characteristics of Entrepreneur?
4. Explain the role of government and schemes in Entrepreneurship?
5. Explain in detail the Types of Organization
6. Explain the Factors affecting the Business?
7. Explain successful stories of Start up?
8. Explain unsuccessful stories of Startup?
9. Explain role of small enterprises in Economic Development?
10. Explain role of government and schemes?

Attempt any four of the following.

1. Explain Successful case studies of Successful Entrepreneur?
2. Explain Small scale and large scale enterprises?
3. Explain role of small enterprises in economic development?
4. Explain i) Proprietorship ii)Partnership
5. Explain financial institutions in fostering entrepreneurship?
6. Explain unsuccessful case studies of Entrepreneurs?
7. Explain role of small enterprises in economic development?
8. Explain Partnership?
9. Explain financial institutions in fostering entrepreneurship?
10. Explain unsuccessful case studies of Entrepreneurs?
11. Explain basic principles of Management?
12. Explain the types of Organization?
- 13.Explain core concept of market?
- 14.Explain cooperative ltd companies ?
- 15.Explain Factors affecting the business?
- 16.What is Small scale enterprises and large enterprises?
- 17.What are the financial institutions in fostering entrepreneurship?
- 18.Explain principles of management?
- 19.Explain 5 definitions of Entrepreneur?
20. Explain Proprietorship?