

ANSWER KEYS

(Correct Answers are marked in Bold Letters)

SECTION-A

1. **The “Chipko Movement” was primarily associated with:**
 - a. Saving vegetation
 - b. Women’s rights
 - c. Saving forests**
 - d. Land reforms
2. **Who pioneered the use of blood typing in forensic science?**
 - a. Hans Gross
 - b. Francis Galton
 - c. Karl Landsteiner**
 - d. None of the above
3. **“The girl is the daughter of the wife of the only son of my grandfather’s only child.”
How is the girl related to the man?**
 - a. Sister
 - b. Daughter**
 - c. Cousin
 - d. Niece
4. **Which Mughal emperor built the Jama Masjid in Delhi?**
 - a. Akbar
 - b. Shah Jahan**
 - c. Aurangzeb
 - d. Babur
5. **Which of the following is a non-destructive forensic technique?**
 - a. Blood typing
 - b. DNA extraction
 - c. Gunshot residue chemical test
 - d. None of the above**
6. **Which of the following is not a forensic biological evidence?**
 - a. Hair
 - b. Bloodstains
 - c. Semen
 - d. None of the above**
7. **Which of the following is a quantitative tool in criminology research?**
 - a. Case study
 - b. Participant observation
 - c. Ethnography
 - d. Survey**
8. **Which of the following is trace evidence?**
 - a. Fiber**
 - b. Fingerprint
 - c. Nail marks
 - d. Shoe print

Which of the following is a synonym for “Esoteric”?

9. a. Common
b. **Obscure**
c. Popular
d. Simple
10. **Which of the following is a limitation of forensic science?**
a. **Dependence on scientific accuracy**
b. Lack of legal framework
c. Lack of institutions
d. Lack of experts
11. **Which of the following is a synonym of “Taciturn”?**
a. Talkative
b. **Silent**
c. Reserved
d. Shy
12. **Which of the following terms is most commonly used as a synonym for Forensic Science in academic and professional contexts?**
a. **Criminalistics**
b. Criminology
c. Police Studies
d. Crime Science
13. **Which of the following is a class characteristic of evidence?**
a. Unique individual features
b. DNA profiles
c. Fingerprint minutiae
d. **None of the above**
14. **Which of the following is a quality assurance measure in forensic labs?**
a. Skipping calibration
b. Destroying old evidence
c. Ignoring inconclusive results
d. **Peer review of reports**
15. **Cadaveric spasm indicates:**
a. Suicide
b. Natural Death
c. **Last act of person before death**
d. Natural Death
16. **Choose the correct synonym for “Ubiquitous”:**
a. Rare
b. **Omnipresent**
c. Hidden
d. Exclusive
17. **Which standard emphasizes reliability and relevance of scientific evidence?**
a. **Daubert standard**
b. Frye standard
c. Bureau of Indian Standard
d. Chain of custody
18. **Statements: All judges are lawyers. Some lawyers are teachers.**
Conclusions:
1. **Some judges are teachers.**
2. **All teachers are lawyers.**
a. Only 1 follows

- b. Only 2 follows
 - c. Neither follows**
 - d. Both follow
19. **In criminological studies, the term “Crime Clock” is used to represent which of the following?**
- a. The exact time when a crime occurs in a city
 - b. A statistical tool showing the frequency of crimes occurring at regular intervals**
 - c. A forensic instrument used to measure the duration of criminal acts
 - d. A police scheduling system for patrolling high-crime areas
20. **Which packaging material is best for biological evidence?**
- a. Paper bags**
 - b. Plastic bags
 - c. Metal boxes
 - d. Glass jars
21. **Which Indian forensic scientist pioneered fingerprint classification?**
- a. Hem Chandra Bose**
 - b. Lalji Singh
 - c. P.C. Mahalanobis
 - d. B.N. Mullick
22. **Forensic entomology is used to find out:**
- a. Somatic death
 - b. Cause of death
 - c. Molecular death
 - d. Time since death**
23. **Which technique is most suitable for volatile compound analysis?**
- a. Paper chromatography
 - b. Gas chromatography**
 - c. Thin-layer chromatography
 - d. Electrophoresis
24. **According to Routine Activity Theory (Cohen & Felson, 1979), crime occurs when which of the following elements converge in time and space?**
- a. A motivated offender, a suitable target, and capable guardianship
 - b. Social disorganization, poverty, and peer pressure
 - c. Social disorganization, poverty, and bad peer pressure
 - d. A motivated offender, a suitable target, and absence of capable guardianship**
25. **Which one of the following is NOT correct related to the working of polygraph/sensor components?**
- a. Very small amount of electric current passes through electrodes to measure electrodermal activity
 - b. Changes in air pressure through pneumo tubes
 - c. Changes in blood pressure through BP cuff
 - d. Tracking eye movement through pupil**
26. **Which one of the following statements is NOT correct regarding Freud’s concepts of Id, Ego, and Superego?**
- a. The Id operates on the pleasure principle, seeking immediate gratification of instincts
 - b. The Ego functions on the reality principle, mediating between Id and external world demands
 - c. The Superego represents internalized moral standards and ideals, often in conflict with the Id
 - d. The Id consciously evaluates social norms before acting**
27. **The jury system in India was formally abolished after which landmark case exposed its weaknesses in impartiality and susceptibility to public/media influence?**
- a. K.M. Nanavati v. State of Maharashtra**

- b. Kesavananda Bharati v. State of Kerala
 - c. Indira Gandhi v. Raj Narain
 - d. State of Uttar Pradesh v. Rajesh Talwar
28. **As per Indian law, which of the following is NOT an essential element of a crime?**
- a. Mens rea
 - b. Actus reus
 - c. Concurrence of Actus reus and unsound mind**
 - d. Injury
29. **Which of the following is NOT correct about Social Learning Theory?**
- a. It emphasizes observational learning, imitation, and modelling of behaviour
 - b. Reinforcement and punishment influence whether learned behaviours are repeated
 - c. Cognitive processes such as attention, retention, and motivation are central to learning
 - d. It claims that behaviour emerges exclusively from innate biological drives, unaffected by observation or environment**
30. **According to the Supreme Court judgment in Selvi v. State of Karnataka (2010), which of the following techniques does NOT require a prior court order if conducted voluntarily with consent?**
- a. Polygraph test
 - b. Narco-analysis test
 - c. Layered Voice Analysis (LVA)**
 - d. Brain Fingerprinting
31. **Which of the following drugs is NOT used in narco-analysis tests?**
- a. Sodium Pentothal
 - b. Sodium Thiopental
 - c. Sodium Enthel**
 - d. Sodium Amytal
32. **What is the full form of ILCPT in forensic laboratory quality assurance?**
- a. International Laboratory Certification and Proficiency Testing
 - b. Inter-Laboratory Comparison and Proficiency Testing**
 - c. Indian Laboratory Council for Polygraph Testing
 - d. International Legal Council for Proficiency Testing
33. **The principle of the polygraph test is primarily not based on which one of the following:**
- a. Recording physiological responses such as blood pressure, pulse, respiration, and skin conductance during questioning
 - b. Detecting involuntary autonomic nervous system changes linked to psychological stress when deceptive
 - c. Chemical analysis of blood to identify lying**
 - d. Measuring psychophysiological arousal patterns that differentiate truth from deception
34. **Which principle in forensic science ensures that evidence must be capable of scientific testing?**
- a. Principle of analysis
 - b. Principle of individuality
 - c. Principle of probability
 - d. Principle of falsifiability**
35. **Which chemical reagent is most commonly used to develop latent fingerprints on paper?**
- a. Iodine
 - b. Ninhydrin**
 - c. Cyanoacrylate
 - d. Silver nitrate
36. **In polygraph examinations, Electrodermal Activity (EDA) is typically measured in units of:**
- a. MicroSiemens**
 - b. Millivolts

- c. Ohms
d. Decibels
37. **The F-test is used to compare:**
a. Two proportions
b. Two variances
c. Two means
d. Two probabilities
38. **Which principle is crucial in forensic DNA match statistics?**
a. Probability principle
b. Analysis principle
c. Individuality principle
d. Falsifiability principle
39. **The formula for calculating the Crime Rate in criminology is generally expressed as:**
a.
$$\frac{\text{Number of reported crimes}}{\text{Total households}} \times 10,000$$

b.
$$\frac{\text{Number of reported crimes}}{\text{Total police stations}} \times 100,000$$

c.
$$\frac{\text{Number of reported crimes}}{\text{Convictions}} \times 100$$

**d.
$$\frac{\text{Number of reported crimes}}{\text{Total population}} \times 100,000$$**
40. **Who is credited with inventing DNA fingerprinting in 1984?**
a. James Watson
b. Lalji Singh
c. Alec Jeffreys
d. Friedrich Miescher
41. **Which of the following legal elements accurately distinguishes robbery from larceny, placing it strictly in the category of violent crime rather than solely a property crime?**
a. The theft involves breaking and entering into a dwelling with the intent to commit a felony.
b. The property is taken by deceit, false pretenses, or abuse of a position of trust.
c. The property is taken from the victim's immediate presence through the use of force or threat of imminent force.
d. The value of the stolen property exceeds a statutory threshold, elevating it to a felony.
42. **Which Indian criminal case is considered the first conviction based on DNA fingerprinting evidence?**
a. Nirbhaya case
b. Priyadarshini Mattoo case
c. Tandoor murder case
d. Jessica Lal case
43. **Who introduced the 10-digit fingerprint classification system used in forensic identification?**
a. Francis Galton
b. Edward Henry
c. Juan Vucetich
d. E.R. Henry
44. **The National Forensic Sciences University (NFSU) was formally established in India in which year?**
a. 2015
b. 2020
c. 2010

- d. 2000
45. **Which forensic technique is used to separate charged molecules in DNA analysis?**
- Ultracentrifuge
 - Electrophoresis**
 - ELISA
 - Paper chromatography
46. **Weakens and eventually disappears when the conditioned stimulus is repeatedly presented without the unconditioned stimulus is known as:**
- Generalization
 - Extinction**
 - Spontaneous Recovery
 - Discrimination
47. **Under which section of Indian law provision have been made that the Court can form an opinion by an expert upon a point of science**
- Section 39 of BSA**
 - Section 47 of BSA
 - Section 329 of BNSS
 - Section 45 of BSA
48. **Who is widely regarded as the “Father of Forensic Psychology” for his pioneering work in applying psychological principles to law and criminal justice?**
- Hans Gross
 - Hugo Münsterberg**
 - Francis Galton
 - Karl Landsteiner
49. **Which of the following is a class characteristic of firearms evidence?**
- Caliber**
 - Unique striation marks
 - Firing pin impression
 - Breech face marks
50. **Gestalt psychology, founded in early 20th-century Germany, is primarily concerned with which of the following principles?**
- Behavior is shaped entirely by reinforcement schedules and conditioning
 - The whole is greater than the sum of its parts, emphasizing perception of patterns and configurations**
 - Human cognition is determined solely by unconscious drives and conflicts
 - None of these

SECTION-B

51. **Choose the odd figure.**
- Circle
 - Triangle
 - Square
 - Apple**
52. **The 'encoding specificity principle' (Tulving & Thomson, 1973) states that memory retrieval is most effective when:**
- Information is rehearsed at spaced intervals
 - Retrieval cues match the context present at encoding**
 - The person is in a high-arousal emotional state
 - Semantic elaboration is used exclusively
53. **Historically, the legal term mens rea has been broadly interpreted to mean:**
- Physical evidence linking a person to a crime
 - Distinct, habitual pattern or method used by a perpetrator to commit a crime
 - Physical, objective element of a crime, commonly referred to as the "guilty act"
 - Culpable or guilty intention behind an act**
54. **The M'Naghten rules form the legal basis for the insanity defence. Under these rules, an accused person is not criminally responsible if, at the time of the act, they:**
- Were under the influence of alcohol or a controlled substance
 - Did not know the nature of the act, or did not know that what they were doing was wrong**
 - Had been diagnosed with a severe mental illness for more than five years
 - Were acting under duress from another individual
55. **Pointing to a woman, Raj said, "She is the daughter of my grandfather's only son."**
- Sister**
 - Cousin
 - Mother
 - Aunt
56. **Find the next number.**
2, 6, 12, 20, 30, ?
- 36
 - 40
 - 42**
 - 44
57. **The phenomenon where people are better at recalling the beginning and end of a list than the middle is known as:**
- Recency effect
 - Primacy effect
 - Serial position effect**
 - Spacing effect
58. **The "P300" in Brain Mapping Test is primarily associated with:**
- Peripheral autonomic arousal during detection of deception**
 - Measurement of neurotransmitter activity during emotional stress
 - Assessment of unconscious motivational conflicts through free association
 - Concealed memory and recognition of crime related information
59. **Which of the following is not a perspective on classifying serial murderers:**
- Sewell's Approach

- b. Holme's Approach
 - c. Hickey's Approach
 - d. Kelwin's Approach**
60. **Structured professional judgment (SPJ) is:**
- a. A tool for Professional's skills Assessment
 - b. Judgments made by different professionals in structured manner
 - c. A tool for Clinical Psychologist's competence assessment
 - d. A tool for Violence Risk Assessment**
61. **Under the Daubert standard, which of the following is NOT one of the factors a court considers when evaluating expert testimony?**
- a. Whether the theory can be (and has been) tested
 - b. Whether it has been subject to peer review
 - c. The expert's personal reputation in the community**
 - d. The known or potential rate of error
62. **Which of the following is an example of 'real evidence'?**
- a. A witness statement
 - b. A CCTV recording
 - c. A murder weapon recovered from the scene**
 - d. An expert's oral testimony
63. **Under the Bharatiya Sakshya Adhiniyam 2023 (BSA), which section deals with admissibility of electronic records?**
- a. Section 57
 - b. Section 63**
 - c. Section 61
 - d. Section 72
64. **Which figure has maximum sides?**
- a. Triangle
 - b. Square
 - c. Pentagon
 - d. Hexagon**
65. **You find a wallet on the road with ID proof inside.**
- a. Keep it
 - b. Throw it away
 - c. Return to owner/police**
 - d. Ignore it
66. **A fire breaks out in a building. What should be your first action?**
- a. Panic
 - b. Run randomly
 - c. Inform emergency services**
 - d. Hide
67. **Finger : Hand :: Toe : ?**
- a. Leg
 - b. Foot**
 - c. Nail
 - d. Heel
68. **Proficiency Testing (PT) is mainly used to:**
- a. Compare laboratory performance with other laboratories**

- b. Recruit laboratory staff
 - c. Purchase chemicals
 - d. Increase reporting time
69. **In DSM-5, obsessive-compulsive disorder (OCD) is characterised by:**
- a. Persistent depressed mood and anhedonia for at least two weeks
 - b. Recurrent intrusive obsessions and/or compulsions causing significant distress or impairment**
 - c. Discrete episodes of mania alternating with depressive episodes
 - d. Pervasive pattern of grandiosity and lack of empathy
70. **The doctrine of 'fruit of the poisonous tree' means:**
- a. Evidence from plants is inadmissible
 - b. Evidence derived from an illegal search is generally inadmissible**
 - c. Biological evidence must be refrigerated
 - d. Hearsay evidence is always admissible
71. **Which ethical principle requires a forensic expert to remain impartial regardless of who retained them?**
- a. Autonomy
 - b. Objectivity**
 - c. Beneficence
 - d. Confidentiality
72. **Inductive criminal profiling is best described as:**
- a. Deriving offender characteristics from a specific crime scene
 - b. Using statistical data from known offenders to infer characteristics of unknown offenders**
 - c. Reconstructing crime scenes based on physical evidence
 - d. A clinical interview approach to offender assessment
73. **In criminological research, 'Cartography' most accurately refers to:**
- a. The classification of offenders on the basis of psychological typologies and behavioral traits
 - b. The systematic mapping and spatial analysis of crime patterns, social conditions, and geographic distributions**
 - c. The statistical comparison of crime rates across historical periods without reference to location and nature of crime
 - d. The ethnographic study of criminal subcultures through participant observation in urban communities
74. **Which two endocrine glands secrete their hormones in response to neural stimuli:**
- a. Pituitary gland and adrenal medulla**
 - b. Pituitary gland and thyroid gland
 - c. Adrenal medulla and thyroid gland
 - d. Adrenal medulla and parathyroid gland
75. **Psychology is scientifically defined as the study of:**
- a. Emotions only
 - b. Behavior and mental processes**
 - c. Brain chemistry only
 - d. Consciousness only
76. **Schizophrenia commonly includes**
- a. Hallucinations**
 - b. Hyperactivity
 - c. Sleepwalking
 - d. Memory perfection
77. **Which theory of punishment focuses on preventing future crime through fear of punishment?**
- a. Retributive Theory

- b. **Deterrent Theory**
 - c. Reformatory Theory
 - d. Preventive Theory
78. **The fundamental attribution error refers to the tendency to:**
- a. Overestimate situational factors and underestimate dispositional factors
 - b. **Overestimate dispositional factors and underestimate situational factors**
 - c. Attribute success to luck
 - d. Attribute others' success to ability
79. **Find the pair most analogous to 'Plaintiff : Defendant':**
- a. **Prosecution : Defence**
 - b. Judge : Jury
 - c. Witness : Evidence
 - d. Crime : Punishment
80. **The Alzheimer's disease is associated with an undersupply of:**
- a. **Acetylcholine**
 - b. Dopamine
 - c. GABA (Gamma-aminobutyric acid)
 - d. Serotonin
81. **Damage to Broca's area in the left hemisphere is most likely to result in which of the following conditions?**
- a. Difficulty understanding spoken and written language
 - b. Distortion of memory, visual and reasoning abilities
 - c. **Slow, labored speech with difficulty producing words**
 - d. Partial inability to recognize written words and image
82. **Which of the following is not used for verification of truthfulness of a suspect:**
- a. Polygraph
 - b. Brain Mapping
 - c. LVSA
 - d. **Criminal Profiling**
83. **Meta-analysis is best defined as a method that:**
- a. Reinterprets findings of an experiment using different theoretical perspectives
 - b. **Combines the statistical findings of multiple independent studies to draw an overall conclusion**
 - c. Examines relationships among different variables in different manners
 - d. Uses repeated observations of the same participants over a long period of time
84. **In the simulation exercise called "Tinsel Town," trainees typically function as:**
- a. A jury under training deciding criminal cases
 - b. A team of clinical psychologists
 - c. **The top management team of a fictional movie studio**
 - d. A group of trainee military officers planning combat strategies
85. **Mens rea means**
- a. Guilty act
 - b. **Guilty mind**
 - c. Punishment
 - d. Evidence
86. **Participant observation is mainly associated with:**
- a. Quantitative research
 - b. Experimental research

- c. **Qualitative research**
d. Statistical modeling
87. **Hare's Psychopathy Checklist Revised (PCL-R) includes how many items?**
a. 12
b. 16
c. **20**
d. 25
88. **Forensic assessment of malingering often uses:**
a. Projective tests only
b. **Performance validity tests and structured interviews**
c. Clinical judgment alone
d. No validated tests exist
89. **Eyewitness testimony reliability is most impacted by which post-event factor?**
a. Stress at encoding
b. **Misinformation effect (post-event misinformation)**
c. Cross-race effect
d. Weapon focus
90. **A new behaviour is learned but is not shown until appropriate reinforcement is presented. This is an instance of which one of the following:**
a. Observational learning
b. Trial and error learning
c. Insightful learning
d. **Latent learning**
91. **The "ticket-of-leave" system is associated with:**
a. Probation
b. Prison cum Detention
c. **Parole**
d. Releasing the offender with minor punishment
92. **Situational Crime Prevention mainly focuses on:**
a. Increasing punishment
b. Reducing opportunities for crime
c. Eliminating courts
d. **Increasing prison population**
93. **The NEO-PI personality inventory was primarily developed by**
a. Sigmund Freud and Jung
b. **Costa and McCrae**
c. Hathaway and McKinley
d. Eysenck and Cattell
94. **Executive functions are most closely associated with which brain region?**
a. Occipital lobe
b. Cerebellum
c. **Prefrontal cortex**
d. Temporal-parietal junction
95. **A forensic team finds three suspects: X confesses, Y has an alibi confirmed by two witnesses, Z's DNA matches the crime scene. Who should be prioritised as the prime suspect?**
a. X — because of the confession
b. **Z — because physical evidence is stronger**

- c. Y — despite the alibi
 d. All three equally without further investigation
96. **Which constitutional article in India broadly guarantees protection of life and personal liberty, including prisoners' rights:**
 a. Article 14
 b. Article 19
c. Article 21
 d. Article 32
97. **Which of the following is MOST closely associated with "Left Realism":**
 a. Denial of street crime seriousness while implementation of Criminal Law
 b. Implementation of criminal law for prevention of White Collar crime in society
 c. Exclusive focus on biological causes for determination of Crime
d. Focus on practical crime control and victimization in working-class communities
98. **Spectrophotometry is primarily based on measurement of:**
 a. Finger ridge patterns
b. Light absorption by substances
 c. Heat conduction only
 d. Electrical resistance
99. **Calibration of forensic instruments is important to:**
 a. Increase laboratory workload
b. Ensure accurate measurements
 c. Reduce evidence collection
 d. Eliminate documentation
100. **The concept of 'moral panic' in criminology was developed by:**
 a. Howard Becker
b. Stanley Cohen
 c. David Garland
 d. Jock Young
101. **Which of the following DNA profiling techniques is currently considered the global forensic standard for human identification?**
 a. RFLP (Restriction Fragment Length Polymorphism)
b. STR (Short Tandem Repeat) profiling
 c. Mitochondrial DNA sequencing
 d. Single nucleotide polymorphism (SNP) arrays
102. **Match List-I with List-II and select the correct answer using the code given below the lists:**

List-1 (Disorder)	List-2 (Description)
A. Oedipus Complex	1. fantasy involving non human objects
B. Kleptomania	2. Formal Thought Disorder
C. Circumstantiality	3. uncontrolled urge to steal items

- D. Paraphilia
4. **unconscious desire for the opposite-sex parent**

- a. A-1, B-2, C-3, D-4
 b. A-4, B-2, C-3, D-1
 c. A-1, B-3, C-2, D-4
d. A-4, B-3, C-2, D-1

103. **Which of the following situations best illustrates the problem of suggestibility in eyewitness testimony:**
- a. A witness refuses to answer questions in court under influence of other parties
b. A witness identifies a suspect after repeatedly hearing leading questions from investigators
 c. A witness does not recall the sequence of events immediately after a crime
 d. A witness takes detailed notes during an incident but cannot recall it in courtroom under some influence
104. **Which type of error occurs due to flaws in measurement instruments:**
- a. Random error
b. Systematic error
 c. Sampling error
 d. Observer bias only
105. **The Daubert Standard emphasizes:**
- a. Religious validity
b. Scientific reliability and relevance
 c. Public opinion
 d. Judicial discretion only
106. **Travis Hirschi's Social Bond Theory proposes that delinquency occurs when:**
- a. Juveniles associate with delinquent peers
b. An individual's bond to society is weakened or broken
 c. Economic inequality creates strain among youth
 d. Parents fail to discipline their children
107. **Confirmatory bias in forensic investigation refers to:**
- a. The policy of confirming results across multiple testing methods
b. The tendency to seek, interpret, and recall information in a way that confirms pre-existing hypotheses
 c. The requirement for a second analyst to verify all laboratory results
 d. A cognitive strategy used to verify witness statement accuracy
108. **Compared with Histrionic Personality Disorder, individuals with Borderline Personality Disorder are more likely to exhibit:**
- a. Superficial charm without self-harm
 b. Dramatic emotional expressions alone
c. Chronic suicidality and identity disturbance
 d. Seductive interpersonal relations alone
109. **Which of the following is an example of a "Status Offense":**
- a. Truancy**
 b. Homicide
 c. Dacoity
 d. Perjury

'Target hardening' in crime prevention refers to:

110. a. Rehabilitation of offenders with scrupulous targets
b. Psychological support to hard core criminals
c. Strengthening security measures to deter crime
d. Allocating hard targets to the prison inmates
111. **Which document records the details of articles seized during investigation?**
a. FIR
b. Charge sheet
c. Arrest warrant
d. Seizure Memo
112. **The Daubert standard, established by the U.S. Supreme Court in 1993, requires that expert scientific testimony be:**
a. Based solely on the expert's professional experience and reputation
b. Generally accepted in the relevant scientific community only
c. Subjected to judicial gatekeeping assessing scientific validity and reliability
d. Presented by a witness with a minimum of 10 years of experience
113. **The Reid Technique of interrogation has been criticised primarily because:**
a. It is too time-consuming for routine investigations
b. Its confrontational, accusatorial approach significantly increases the risk of false confessions
c. It was developed for civil rather than criminal proceedings
d. It relies exclusively on polygraph results to determine suspect truthfulness
114. **Reliability in research refers to:**
a. Accuracy of conclusions
b. Statistical significance
c. Generalization to populations
d. Consistency of measurement
115. **The "Gini coefficient" in criminological studies is used to measure:**
a. Crime clearance efficiency
b. Inequality distribution
c. Crime prevention efficiency in State
d. Recidivism prevalence rate in State
116. **Under BNSS, forensic investigation has been made mandatory for offences punishable with:**
a. 3 years or more
b. 5 years or more
c. 7 years or more
d. 1 year or more
117. **Which constitutional right was strongly emphasized in the Selvi case regarding forensic psychological tests?**
a. Right to Property
b. Right against Self-Incrimination
c. Right to Constitutional Remedies
d. Right to Education
118. **In forensic toxicology, the term 'LD50' refers to:**
a. The lethal dose that kills 50% of a test population
b. The lowest detected concentration in urine
c. The legal drink-drive limit in 50 jurisdictions
d. The 50-hour detection window for a substance
- Victimology, as a sub-discipline of criminology, primarily focuses on:**

119. a. The psychological profiling of convicted offenders
b. **The study of victims — their characteristics, their relationship with offenders, and their interaction with the criminal justice system**
c. Statistical modelling of crime rates at the national level
d. The sociology of policing and law enforcement culture
120. **Which technique is the gold standard for confirming the identity of an unknown controlled substance in forensic chemistry?**
a. Thin-layer chromatography (TLC)
b. **Gas chromatography–mass spectrometry (GC-MS)**
c. Immunoassay screening
d. Infrared spot testing