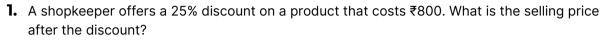


JSO - Forensic Pyschology - Examination



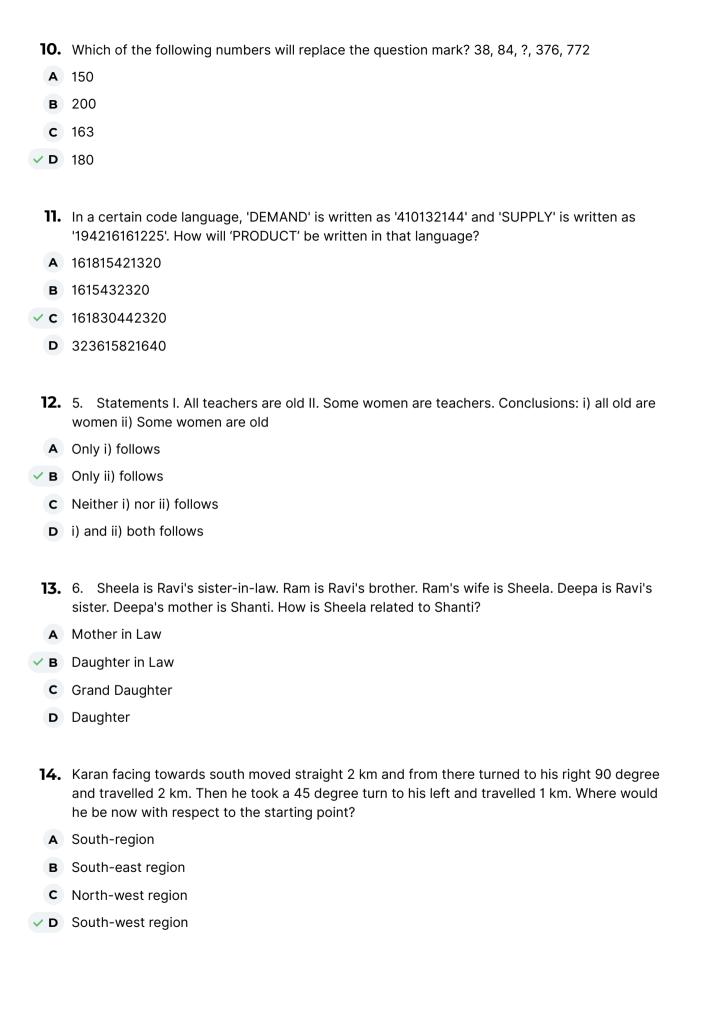


- **B** 650
- **c** 700
- **D** 750
- 2. If 5x 7 = 18, then what is the value of x?
- **A** 3
- **B** 4
- **c** 5
- **✓ D** 6
 - **3.** A man buys a watch for ₹1,500 and sells it for ₹1,800. What is the profit percentage?
 - **A** 0.1
 - **B** 0.15
- **✓ C** 0.2
 - **D** 0.25

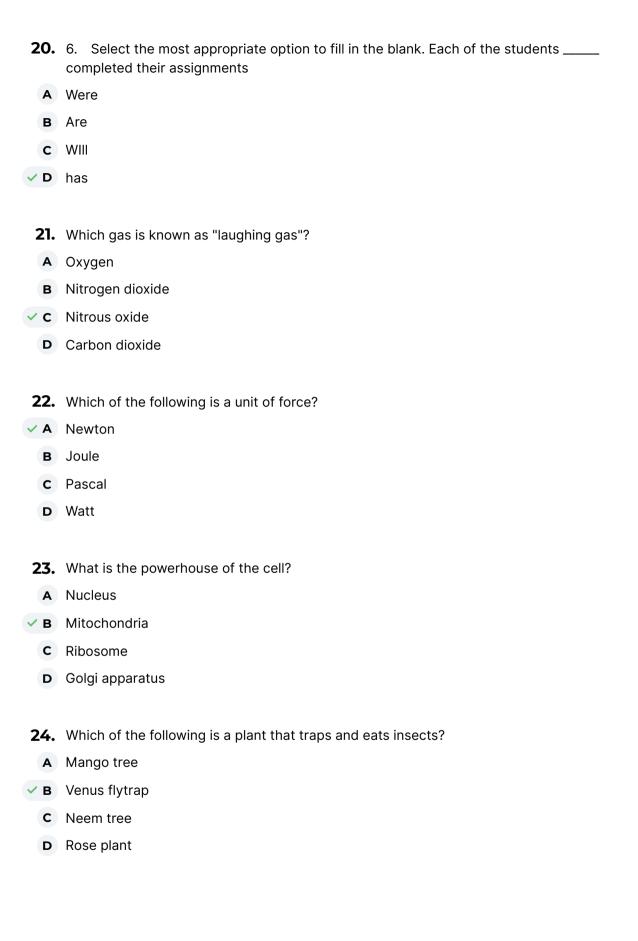
4. If
$$x + y + z = 2$$
, $x^3 + y^3 + z^3 - 3xyz = 74$, then $(x^2 + y^2 + z^2)$ is equal to:

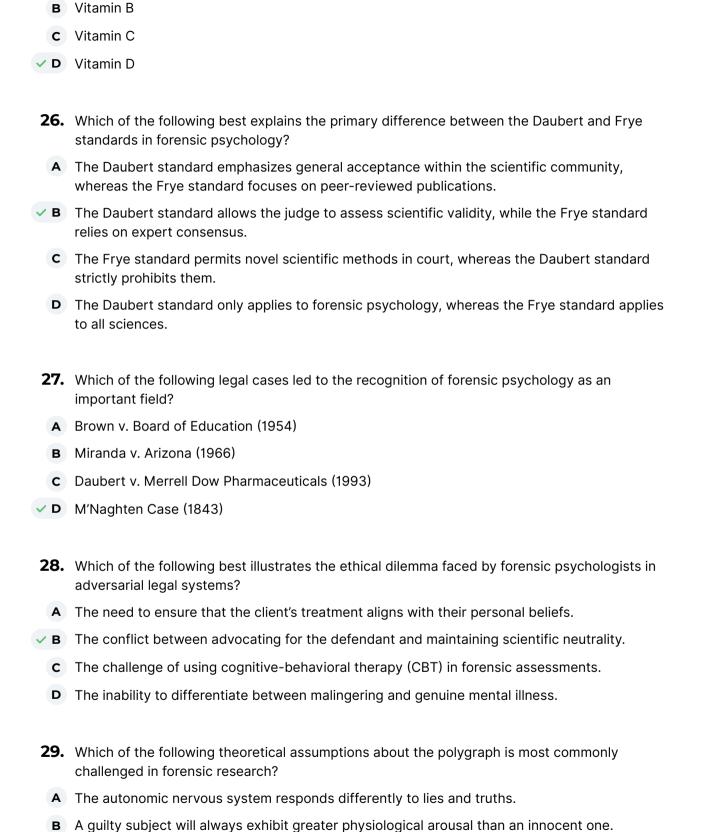
- **A** 22
- **B** 29
- **✓ C** 26
 - **D** 24

5.	If ₹5,000 is invested at an interest rate of 8% per annum for 2 years, what is the simple interest?
A	300
В	400
✓ C	800
D	1000
6.	The fourth proportional to 15, 10 and 12 is:
A	8
В	10
✓ C	6
D	12
7.	What is the cube root of 216?
Α	4
✓ B	6
С	5
D	7
_	
8.	In a certain code language, 'GRSTB' is written as 'GYXWL', and 'HANDS' is written as "XISFM'. How will 'MNDET' will be written in that language
✓ A	YJISR
В	JIISR
C	YJIRS
D	YJITS
9.	What will come in place of the question mark (?) in the following equation, if '+' and '-' are
	interchanged and 'x' and '/' are interchanged? 6408 x 8 + 27 - 15 / 10 =?
	921
	923
✓ C	
D	922



15.	Select the most appropriate ANTONYM of the given word. Salvage
A	Glean
В	Rescue
✓ C	Forfeit
D	Extricate
16.	Select the incorrectly spelt word
A	Numerous
В	Critiqued
C	Inconsistencies
✓ D	Inacuracies
17.	Select the option that best defines the given word: Apportion
✓ A	To allocate
В	To confess
C	To request
D	To complicate
18.	Select the most appropriate meaning of the highlighted word in the given sentence: The
	children decorated the classroom with a (mellow) yellow paint, creating a calming atmosphere for reading time.
A	Rough and textured
✓ B	Soft and pleasant
C	Bright and sunny
D	Dark and gloomy
19.	Select the option that contains an error: The experimental chef combined flavours audacious
	and with an almost synesthetic sensibility, creating dishes that challenged the very notion of culinary categories
A	culinary categories
В	almost synesthetic sensibility
✓ C	combined flavours audacious
D	experimental chef





C The control question test (CQT) provides a valid comparison for detecting deception.

✓ **D** The polygraph can directly detect deception rather than just physiological responses.

25. Which vitamin is mainly produced in the human body when exposed to sunlight?

A Vitamin A

30.	Which physiological responses are primarily measured in a polygraph test?
✓ A	Heart rate, blood pressure, and skin conductivity
В	Brainwave activity, oxygen saturation, and pupil dilation
C	Reflex response, core body temperature, and muscle tone
D	Microexpressions, voice tremors, and breathing pattern
31.	The BEOS technique is theoretically based on which cognitive principle?
A	Brainwave frequencies can reveal subconscious guilt.
В	Stress-induced neural oscillations indicate deception.
✓ C	Memory recognition elicits different neural responses compared to fabrication.
D	Criminal behavior alters the neurophysiological structure of the brain.
32.	What makes BEOS potentially more reliable than traditional lie detection techniques?
✓ A	It minimizes subjective interpretation by relying on brainwave analysis.
В	It can extract subconscious memories without requiring suspect participation.
C	It eliminates all forms of false positives and false negatives.
D	It requires no prior knowledge of the crime scene by investigators.
33.	Which of the following factors does LVA primarily assess when evaluating truthfulness?
A	The emotional intent behind a suspect's spoken words
В	The speed and fluency of a suspect's speech
C	The pitch and volume of responses given under interrogation
✓ D	Psychological stress levels embedded in vocal properties
34.	Which brain regions are most commonly analyzed in fMRI-based lie detection?
✓ A	Prefrontal cortex and anterior cingulate cortex
В	Hippocampus and cerebellum
C	Occipital lobe and basal ganglia
D	Amygdala and medulla oblongata
35.	How can false positives occur in fMRI lie detection?
A	The subject can consciously suppress brain activity to avoid detection
В	The fMRI machine can misinterpret muscle movements as neural activity

c The scan requires external stimulation to detect deception

✓ ■ Brain activity linked to stress or anxiety can be mistaken for deception

36.	Microexpression detection is least effective in forensic cases involving:
✓ A	Trained individuals who can control their facial expressions
В	Suspects who are not directly involved in the crime
C	Crimes that involve multiple perpetrators
D	Witnesses who recall events from long-term memory
37.	A major advantage of SDS over traditional lie detection methods is:
✓ A	It does not require verbal responses from the suspect
В	It provides a legally accepted, foolproof method for proving guilt
C	It eliminates all forms of cognitive bias in investigations
D	It works equally well on both guilty and innocent individuals
38.	Which factor can reduce the accuracy of SDS results?
A	The suspect's ability to control their pulse rate manually
✓ B	The suspect having prior knowledge of the test methodology
C	The presence of multiple law enforcement officers in the room
D	The suspect's personal belief in their innocence
39.	A forensic psychologist writing an investigative report should avoid:
A	Providing a summary of the evidence collected
✓ B	Making definitive legal conclusions
C	Describing psychological assessments conducted
D	Documenting the methodologies used for analysis
40.	In the event of a crime scene where multiple types of evidence are present (biological, trace, and ballistic), which of the following should be collected FIRST to minimize contamination?
A	Fingerprints and trace evidence
В	Firearms and ballistic evidence
✓ C	Biological fluids and DNA samples
D	Digital evidence such as CCTV footage

41. Which of the following cognitive interview techniques is most effective in enhancing memory recall while reducing misinformation? A Asking the witness to recall events in chronological order **B** Encouraging the witness to make up details if they are unsure ✓ C Having the witness recall events in reverse order **D** Using leading questions to prompt memory retrieval **42.** The Gudjonsson Suggestibility Scale is used in forensic psychology to measure: A The likelihood of a suspect committing a violent crime ✓ B The suggestibility of an individual to coercive interrogation techniques. **c** The effectiveness of cognitive behavioral therapy in forensic settings **D** The ability of eyewitnesses to recall traumatic events **43.** Which of the following is a scientifically supported indicator of deception during interrogation? A Avoiding eye contact and fidgeting ✓ B Increased blink rate and inconsistent story details **c** Sweating and nervous hand movements **D** Crossing arms and sitting rigidly 44. Which of the following profiling methods relies most heavily on statistical analysis and empirical research rather than subjective expert judgment? A Geographic Profiling **B** Diagnostic Profiling **C** Crime Scene Analysis (CSA) ✓ D Investigative Psychology

45. In the context of criminal profiling, which of the following is the most significant limitation of

✓ A It assumes that all offenders exhibit traits exclusively from one category, ignoring mixed traits.

the Organized-Disorganized Typology proposed by the FBI?

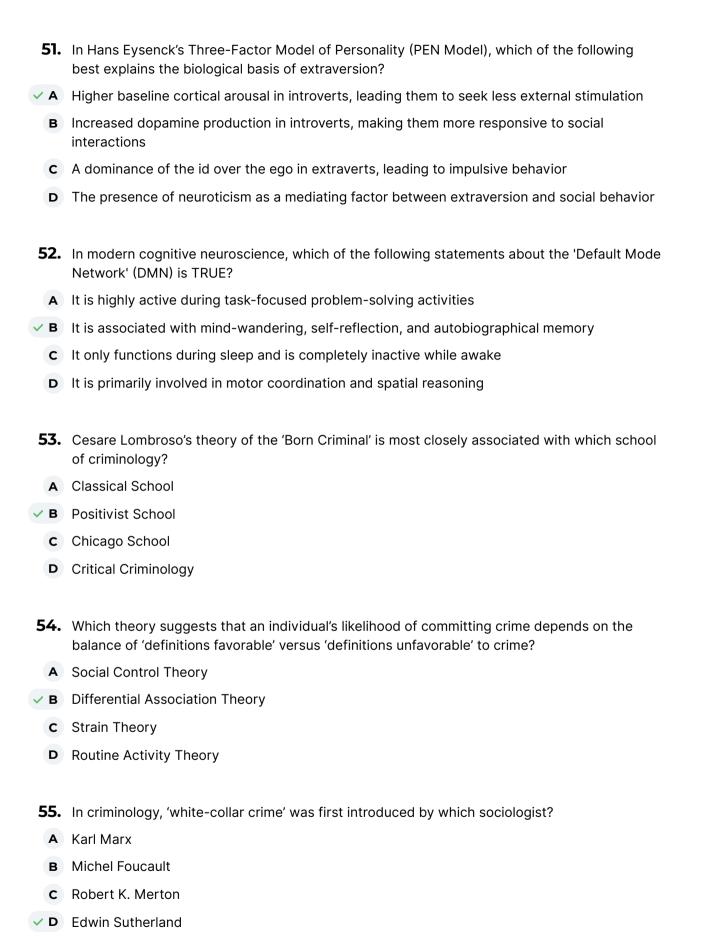
B It does not consider the role of forensic evidence in profiling.

C It is based solely on psychological factors, neglecting behavioral evidence.

D It is effective only in cases involving serial offenders but not single-incident crimes.

- **46.** Which of the following best describes Karl Popper's critique of Freudian psychoanalysis as a scientific theory? A It lacks empirical evidence and relies too heavily on case studies ✓ B It cannot be falsified, meaning it is not testable through scientific methods. c It is only applicable to childhood development and not adult psychology **D** It ignores the role of the unconscious mind in shaping behaviour **47.** Which of the following concepts in modern psychology is most closely associated with the 'Hard Problem of Consciousness,' as proposed by David Chalmers? ✓ A The challenge of explaining why and how subjective experiences arise from neural processes. **B** The difficulty of defining human intelligence in computational terms C The debate over whether consciousness can exist independently of biological matter D The study of subconscious cognitive processes that influence decision-making **48.** Which of the following personality theories best explains the development of personality through reinforcement and learned behaviors? ✓ A Bandura's Social Learning Theory **B** Jung's Archetypal Theory c Maslow's Hierarchy of Needs D Freud's Structural Model of Personality **49.** In evolutionary psychology, what is the primary function of 'reciprocal altruism' in human behavior? A It ensures survival of genetically related individuals through kin selection ✓ B It promotes cooperation among non-relatives by fostering long-term mutual benefits. C It reduces aggression by favoring only those who belong to the same in-group **D** It functions as a biological error that contradicts natural selection **50.** Which of the following statistical techniques is most suitable for analyzing the effect of an independent variable on a dependent variable while controlling for the influence of a third variable?
- A Analysis of Covariance (ANCOVA)

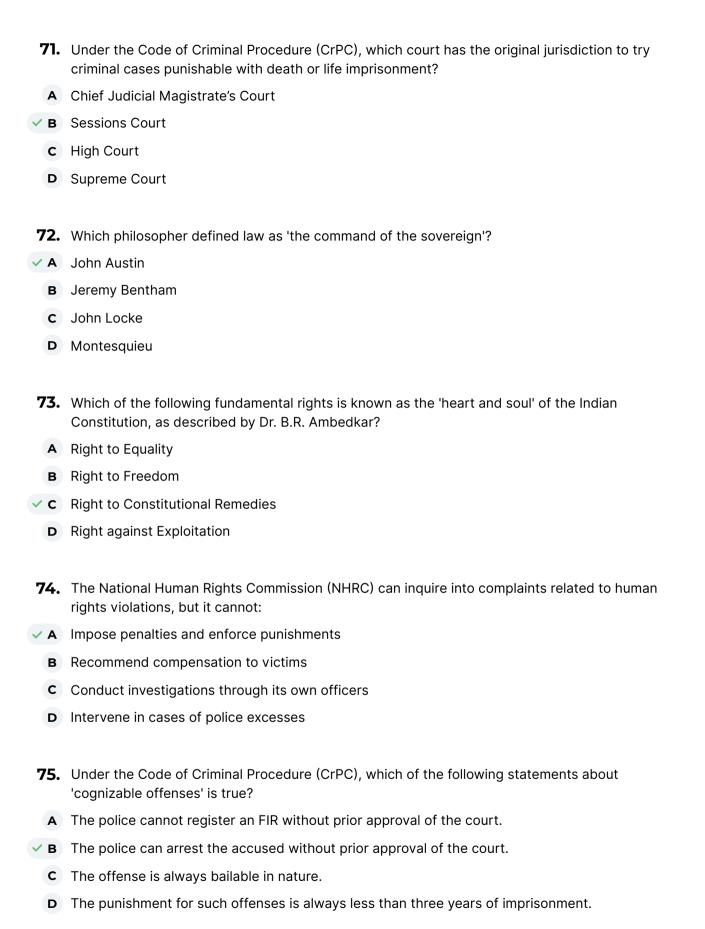
 B Principal Component Analysis (PCA)
 - c Chi-Square Test for Independence
 - **D** Spearman's Rank Correlation



56.	Which of the following statements about critical criminology is FALSE?
A	It views crime as a result of power imbalances in society
В	It rejects the idea that law is neutral and equally applied
✓ C	It argues that capitalism plays a minimal role in crime causation
D	It often focuses on issues of race, class, and gender in crime
57.	Under which section of CrPC can a person be arrested without a warrant?
✓ A	Section 41
В	Section 144
C	Section 375
D	Section 302
58.	The 'Broken Windows Theory' in criminology suggests that:
✓ A	Crime increases when minor offenses are ignored
В	Criminal behavior is inherited genetically
C	Crime rates drop when economic conditions improve
D	Psychological disorders lead to criminal tendencies
59.	Under which provision of the Code of Criminal Procedure (CrPC) can a Magistrate take cognizance of an offense?
✓ A	Section 190
В	Section 144
C	Section 41
D	Section 197
50	
60.	Who is credited with coining the term 'victimology' and establishing it as a distinct subfield of criminology?
A	Edwin Sutherland
✓ B	Benjamin Mendelsohn
C	Cesare Beccaria
D	Hans von Hentig

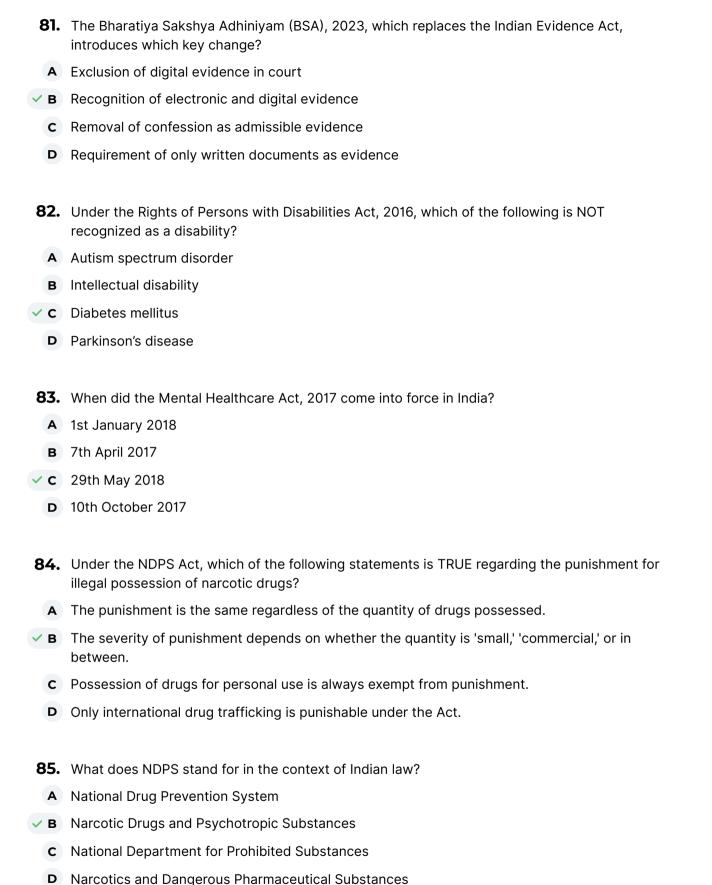
- **61.** Which of the following is an example of 'tertiary victimization'?
- A A survivor of sexual assault being blamed by the media
- **B** A family member of a victim suffering emotional distress
- C A neighborhood experiencing fear due to repeated crimes
 - **D** A person being victimized multiple times by different offenders
- **62.** Which of the following is a challenge in modern criminology?
 - A Increasing reliance on outdated biological theories
 - **B** Decreasing crime rates in all regions of the world
- ✓ c The complexity of cybercrime and transnational crime
 - **D** The complete elimination of organized crime networks
- **63.** What distinguishes a 'passive victim' from an 'active victim' in victimology?
- Passive victims unknowingly place themselves in risky situations, while active victims take deliberate actions that contribute to their victimization
 - **B** Passive victims are those who resist crimes, while active victims do not
 - c Passive victims suffer only psychological harm, while active victims suffer physical harm
 - Passive victims experience random crimes, while active victims are only targeted for personal reasons
- **64.** According to the Routine Activity Theory, which of the following factors makes women more vulnerable to victimization?
- ✓ A Exposure to motivated offenders, lack of capable guardianship, and suitable targets.
 - **B** Women's inherent psychological weakness, making them more susceptible to victimization.
 - **c** An increase in gender-based laws that protect women from repeat offenses.
 - **D** The biological differences in fight-or-flight responses between men and women.
- **65.** Under which of the following legal provisions does the Indian criminal justice system explicitly provide for victim compensation?
 - A Section 438 of the Indian Penal Code (IPC), 1860
- ✓ B Section 357A of the Code of Criminal Procedure (CrPC), 1973.
 - c Article 21 of the Indian Constitution
 - D Section 27 of the Evidence Act, 1872

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Police, Judiciary, Correctional System
Lawmakers, Police, Public
Prosecutors, Defense Lawyers, Crime Reporters
Courts, Lawyers, Media
Which Supreme Court case established the right to legal counsel for defendants who cannot afford an attorney?
Miranda v. Arizona (1966)
Gideon v. Wainwright (1963)
Mapp v. Ohio (1961)
Terry v. Ohio (1968)
Which of the following central agencies is responsible for counter-terrorism investigations in India?
Central Bureau of Investigation (CBI)
National Investigation Agency (NIA)
Intelligence Bureau (IB)
Border Security Force (BSF)
Under Article 141 of the Indian Constitution, the decisions of the Supreme Court are binding on:
Only High Courts
Only District Courts
All courts in India
Only lower courts within the same state
Which of the following courts has the power to issue writs under Article 32 of the Indian Constitution?
High Court
District Court
Supreme Court
Both A and C



76.	Which act governs the procedure for arrest, trial, and bail in criminal cases in India?
A	The Indian Penal Code (IPC), 1860
В	The Prevention of Corruption Act, 1988
C	The Indian Evidence Act, 1872
✓ D	The Code of Criminal Procedure (CrPC), 1973
77.	Under the IPC, which of the following is an essential element of the offense of 'theft'?
✓ A	The dishonest intention to take property without the owner's consent
В	The use of force to take away property
C	The wrongful confinement of a person for extortion
D	Taking possession of abandoned property
78.	Under the Indian Evidence Act, 1872, which of the following statements about 'dying declarations' is correct?
A	A dying declaration is admissible only if recorded by a magistrate.
✓ B	A dying declaration is admissible under Section 32(1) and can be the sole basis for conviction if found reliable.
C	A dying declaration must always be corroborated by other evidence.
D	A dying declaration is not admissible as evidence in a murder trial.
79.	Under the Indian Evidence Act, which of the following is NOT considered secondary evidence?
A	A certified copy of a public document
В	A carbon copy of a document made simultaneously with the original
C	An oral account of the contents of a document given by a person who has seen it
✓ D	The original document itself
80.	When will the new criminal laws (BNS, BNSS, BSA) come into effect in India?
A	1st January 2024
В	15th August 2024
C	29th May 2024

✓ **D** 1st July 2024



86. Which of the following authorities is responsible for the rehabilitation and social reintegration of children under the Juvenile Justice Act, 2015? A Juvenile Justice Board (JJB) ✓ B Child Welfare Committee (CWC) c National Commission for Protection of Child Rights (NCPCR) **D** District Magistrate 87. What penalty can an employer face for failing to comply with the Sexual Harassment of Women at Workplace Act, 2013 provisions? A A written warning **B** Suspension of company operations C A fine up to ₹50,000 **D** Immediate arrest 88. Under the Act, which entity is responsible for handling sexual harassment complaints in a workplace with fewer than 10 employees or when the employer is the accused? A National Commission for Women (NCW) **B** District Collector's Office ✓ c Local Complaints Committee (LCC) **D** Ministry of Women and Child Development **89.** Which of the following statements is true about expert opinion in forensic psychology? A Expert testimony is considered absolute and cannot be challenged in court B Expert witnesses can provide opinions on legal matters, including whether the accused is guilty ✓ C The court has the discretion to accept or reject expert opinions based on their relevance and reliability **D** If two experts give conflicting opinions, the one with more years of experience is automatically accepted

90. In 2019, which key amendment was made to the POCSO Act?

✓ B Introduction of the death penalty for aggravated penetrative sexual assault

A Reduction of the age of consent from 18 to 16 years

D Legalization of consensual relationships among minors

c Removal of gender neutrality from the Act

91.	The term 'test-retest reliability' refers to:
✓ A	The consistency of scores when a test is administered multiple times
В	The accuracy of test results in predicting future behavior
C	The ability of a test to differentiate between individuals
D	The fairness of a test across different cultures
92.	Which personality test is based on Carl Jung's theory of psychological types?
Α	NEO Personality Inventory (NEO-PI-R)
В	Thematic Apperception Test (TAT)
C	Minnesota Multiphasic Personality Inventory (MMPI)
✓ D	Myers-Briggs Type Indicator (MBTI)
93.	Which test is most widely used for diagnosing psychological disorders?
A	Beck Depression Inventory (BDI)
В	Thematic Apperception Test (TAT)
✓ C	MMPI-2
D	Wisconsin Card Sorting Test
94.	Which of the following personality tests is based on the Five-Factor Model?
	Which of the following personality tests is based on the Five-Factor Model? Minnesota Multiphasic Personality Inventory (MMPI)
A B	Minnesota Multiphasic Personality Inventory (MMPI)
A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT)
A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI)
A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI)
A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R)
A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits?
A B C ✓ D 95. ✓ A B	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits? Psychoticism
A B C ✓ D 95. ✓ A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits? Psychoticism Neuroticism
A B C ✓ D 95. ✓ A B C	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits? Psychoticism Neuroticism Extraversion
A B C V D 95. V A B C D	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits? Psychoticism Neuroticism Extraversion
A B C V D 95. V A B C D	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits? Psychoticism Neuroticism Extraversion Agreeableness
95. 96.	Minnesota Multiphasic Personality Inventory (MMPI) Thematic Apperception Test (TAT) Myers-Briggs Type Indicator (MBTI) NEO Personality Inventory (NEO-PI-R) Which of the following is NOT one of the Big Five personality traits? Psychoticism Neuroticism Extraversion Agreeableness The Thematic Apperception Test (TAT) is primarily used to assess:

D Emotional intelligence

97.	The Wechsler Adult Intelligence Scale (WAIS) measures:
A	Emotional intelligence
В	Personality traits
✓ C	Cognitive ability
D	Social intelligence
98.	The Stanford-Binet Intelligence Scale is based on which concept?
A	Abstract Reasoning
В	Intelligence Quotient (IQ)
C	Social Intelligence
✓ D	Intelligence Quotient (IQ)
99.	An individual with an IQ score of 145 would be classified as:
✓ A	Genius or highly gifted
В	Below average intelligence
C	Average intelligence
D	Borderline intellectual disability
100.	Which of the following personality tests has the highest inter-rater reliability?
A	Rorschach Inkblot Test
✓ B	MMPI-2
C	Thematic Apperception Test
D	House-Tree-Person Test