



Paper - II
Psychology

Booklet Code

A

Test Booklet No.

SUBJECT CODE : 3 2

Roll No. :

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(Figures as per admission card)

Roll No. (in words) :

OMR Sheet No. :

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Name and Signature of Invigilator/s

Signature : _____

Name : _____

Time : 2 Hours

Maximum Marks : 200

Number of Pages in this Booklet : 24

Number of Questions in this Booklet : 100

Instructions for the Candidates

1. Write your roll number in the space provided on the top of this page.
2. This paper consists of hundred (100) multiple-choice type of questions.
3. At the commencement of examination, the test booklet will be given to you. In the first 5 minutes, you are requested **To Open the Booklet and Compulsorily Examine it as Below:**
 - (i) To have access to the Test Booklet, tear off the paper seal on the edge of the cover page. Do not accept a booklet without sticker seal or open booklet.
 - (ii) Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Test Booklet will be replaced nor any extra time will be given.
 - (iii) After the verification is over, the Test Booklet Number should be entered in the OMR Sheet and the OMR Sheet Number should be entered on this Test Booklet.
4. Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.
Example : (A) (B) (C) (D)
where (C) is the correct response.
5. Your responses to the questions are to be indicated in the **OMR Sheet kept inside this Booklet**. If you mark at any place other than in the circles, the OMR Sheet will not be evaluated.
6. Read the instructions given in OMR Sheet carefully. Fill the Booklet Code of Paper-II in OMR Sheet **Compulsorily**.
7. Rough Work is to be done in the end of this booklet.
8. If you write your name or put any mark on any part of the OMR Answer Sheet, except for the space provided for the relevant entries, which may disclose your identity, you will render yourself liable to disqualification.
9. You have to return the OMR answer Sheet to the invigilators at the end of the examination compulsorily and must NOT carry it with you outside the Examination Hall.
10. You can take away test booklet and carbon copy of OMR Answer Sheet after the examination.
11. **Use only Blue/Black Ball point pen.**
12. **Use of any calculator, electronic gadgets or log table, etc. is prohibited.**
13. **There is no negative mark for incorrect answer.**



1. Arrange the following in temporal sequence:
- I. Indian Psychological Association was founded
 - II. National Institute of Mental Health and Neurosciences (NIMHANS) was established at Bangalore
 - III. Psychology department at Calcutta University was established
 - IV. National Academy of Psychology (NAOP) was founded
- Choose the correct options :
- (A) I → II → III → IV
 - (B) I → III → IV → II
 - (C) III → I → II → IV
 - (D) II → IV → I → II
2. Given below are the two statements - one is labelled as Assertion (a) and the other is labelled as Reason (r).
- Assertion(a):** Annamaya, Pranamaya, Manomaya, Vijnanamaya and Anadamaya are the five kosas or sheaths in the psychological being of man.
- Reason (r):** Each of these sheaths has, within itself, arrange of levels in the quality and action of that formation of energy-from greater to lesser, the more conscious to less conscious.
- In the light of above two statements, choose the correct option :
- (A) Both (a) and (r) are true and (r) is the correct explanation of (a)
 - (B) Both (a) and (r) is true and (r) is not the correct explanation of (a)
 - (C) (a) is true, but (r) is false
 - (D) (a) is false, but (r) is true
3. Which of the following idea of Wundt was rejected by Titchener?
- (A) Attention
 - (B) Apperception
 - (C) Affections
 - (D) Study of functions
4. Which of the following is true about Wilhelm Dilthey's comment about Wundt-Titchener type of psychology?
- I. It is descriptive
 - II. It is understanding
 - III. It is diametrically opposed to behaviourism
 - IV. It is dynamic
- (A) I and II only
 - (B) I and IV only
 - (C) I and III only
 - (D) I, II and IV only
5. Given below are the two statements - one is labelled as Assertion (a) and the other is labelled as Reason (r).
- Assertion (a) :** Personality and environment in their inter-relationship are called life space by Lewin.
- Reason (r) :** The totality of coexisting facts that are mutually interdependent has been defined by physicists as a field.
- (A) Both (a) and (r) are true and (r) is the correct explanation of (a)
 - (B) Both (a) and (r) are true and (r) is not the correct explanation of (a)
 - (C) (a) is true, but (r) is false
 - (D) (a) is false, but (r) is true



6. Which of the following is not related to Positivism?
- (A) Quantitative methodology
 - (B) Empathy
 - (C) Social surveys and structured questionnaires
 - (D) Correlation

7. Match List-I, and List-II and select the correct answer from the codes given below :

	List-I (Description)		List-II (Concept)
P	The purpose of theory is to generate hypotheses that can be tested for laws to be proven or disproven	1	Realism
Q	The only knowledge confirmed by sciences can genuinely be warranted as knowledge	2	Deductivism
R	Knowledge is gained through gathering of facts that provide the basis for laws	3	Phenomenalism
S	Belief that world exists outside the influence of researcher	4	Inductivism

Codes:

- | | P | Q | R | S |
|-----|---|---|---|---|
| (A) | 2 | 4 | 3 | 1 |
| (B) | 2 | 3 | 4 | 1 |
| (C) | 4 | 2 | 1 | 3 |
| (D) | 3 | 1 | 2 | 4 |

8. According to Sufism, which stage of psychospiritual transformation into the cosmic self, replaces individual free will with divine will?
- (A) Self-surrender
 - (B) Contentment/Joy
 - (C) Non-Attachment
 - (D) Patience

9. Match List-I and List-II and select the correct answer from the codes given below:

	List-I (Psi Research)		List-II (Yogic Practice)
P	Hypnosis research	1	Pratyahara
Q	Physiological research	2	Asanas
R	Dream telepathy research	3	Dharma
S	Concentration / Visualisation in receptive psi	4	Pranayama

Codes:

- | | P | Q | R | S |
|-----|---|---|---|---|
| (A) | 3 | 1 | 4 | 2 |
| (B) | 2 | 4 | 1 | 3 |
| (C) | 4 | 2 | 3 | 1 |
| (D) | 3 | 4 | 1 | 2 |

10. In Buddhism, the creative wisdom of a fully awakened being representing the power of spontaneous accomplishments instead of being bound to karma driven actions is known as :

- (A) Pristine wisdom of discrimination
- (B) Pristine wisdom that is mirror like
- (C) Pristine wisdom of all accomplishment
- (D) Pristine wisdom of void sphere of reality



11. Which among the following are not characteristics of personality according to Gordon Allport?

- I. Personality is a static in nature
- II. Personality is neither exclusively mental nor exclusively biological
- III. Personality is generated from the behavioral patterns of an individual
- IV. Temperament, intelligence and physique are the raw materials of personality, none of which is genetically determined

Options:

- (A) I, II and III
- (B) II, III and IV
- (C) I, III and IV
- (D) I, II and IV

12. Which among the following is correct?

- (A) According to Gordon Allport, traits are biophysical structures that are developed through innate needs and learning
- (B) Traits can be observed directly
- (C) Possession of a certain trait or a pattern of certain traits causes an individual to act the same in all similar situations
- (D) An individual trait is one that only a single individual uniquely possesses

13. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer using the code given below :

Assertion (a): According to Eysenck, stable individuals are characterized by lower level of autonomic activity than neurotics, which is mediated by the visceral brain.

Reasoning (r): Visceral brain regulates emotional expressions and controls autonomic responses.

Options:

- (A) Both (a) and (r) are true, and (r) is the correct explanation of (a)
- (B) Both (a) and (r) are true, but (r) is not the correct explanation of (a)
- (C) (a) is false, but (r) is true
- (D) (a) is true, but (r) is false

14. Match List-I and List-II and select the correct answer from the codes given below :

	List-I		List-II
P	Modulation	1	The variation in a person's construction system is limited by the permeability of the constructs within whose range of convenience the variants lie
Q	Experience	2	A person's construction system varies as he successively construes the replications of events
R	Organization	3	Each person characteristically evolves for his convenience in anticipating events a construction system embracing ordinal relationships between constructs
S	Construction	4	A person anticipates events by construing their replications

Codes:

- | | P | Q | R | S |
|-----|---|---|---|---|
| (A) | 2 | 3 | 1 | 4 |
| (B) | 3 | 4 | 1 | 2 |
| (C) | 1 | 2 | 3 | 4 |
| (D) | 2 | 3 | 4 | 1 |



15. According to Martin Zuckerman, which among the following is not a component of Sensation Seeking?
- (A) Thrill and adventure seeking
 - (B) Experience seeking
 - (C) Disinhibition
 - (D) Resistant to boredom
16. An ex-Indian cricket team captain in an interview said that he always felt stressed and frustrated when things didn't go the team's way, but rather than focusing on those emotions, he focused on what needed to be done at that very moment. He was focused on which among the following cognitive appraisals?
- (A) Primary appraisal
 - (B) Secondary appraisal
 - (C) Problem focused appraisal
 - (D) Emotion focused appraisal
17. Mr. A got very angry when Mr. B punched him once and knocked him down inside university canteen and filed a complaint against him to the authorities, But he neither expressed anger nor filed complaint when Mr. C punched him and knocked him down multiple times inside a boxing ring while playing a match. What theory best explains how he labelled each situation and chose the appropriate emotion and reaction?
- (A) James-Lange
 - (B) Cannon-Bard
 - (C) Schachter-Singer
 - (D) Cognitive
18. Which among the following statement/s is correct?
- (A) When a person experiences an emotion, an arousal is created by the Somatic Nervous System
 - (B) Positive emotions are associated with the left frontal lobe of the brain where as negative emotions are associated with the right frontal lobe
 - (C) Besides Amygdala, Thalamus is also involved in the processing of the emotional information
 - (D) Objective experience is one among the important elements of emotions
19. Which conclusions can be drawn on the basis of subliminal perception research?
- I. Influence our behaviour
 - II. Influence economic decisions of people
 - III. Has potential to control our mind
 - IV. Influence one personality
- Codes:**
- (A) I and II only
 - (B) II and IV only
 - (C) I, II and IV only
 - (D) II, III and IV only



20. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer from the code given below:

Assertion (a) : Cattell proposed that dynamic traits are organised in complex ways within cognitive and motivational structure of the individual.

Reason (r) : Dynamic traits are relatively independent of each other.

- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true

21. The neurotransmitter which stimulates muscle cells to contract but slows contractions in the heart is :

- (A) Acetylcholine
- (B) Serotonin
- (C) GABA
- (D) Endorphin

22. In the list of Neurotransmitters given below, all are catecholamines, except one :

- (A) Serotonin
- (B) Norepinephrine
- (C) Dopamine
- (D) Epinephrine

23. Match List-I and List-II and select the correct answer from the codes given below :

	List-I (Stain/ Chemical Compound)		List-II (Target Area)
P	Golgi Silver	1	Reverse neural pathways
Q	Nissl Stain	2	Cell bodies
R	Myelin stain	3	Single nerve cell
S	Horseradish peroxidase	4	Connecting neural pathways

Codes:

- | | P | Q | R | S |
|-----|---|---|---|---|
| (A) | 1 | 3 | 2 | 4 |
| (B) | 2 | 1 | 4 | 3 |
| (C) | 4 | 3 | 1 | 2 |
| (D) | 3 | 2 | 4 | 1 |

24. Axonal conduction in natural direction from cell body of a neuron to terminal buttons is of _____ type.

- (A) antidromic
- (B) orthodromic
- (C) paradromic
- (D) axodromic

25. The _____ lesion method most suitable for cortical tissue which is accessible to the surgeon's eyes.

- (A) aspiration
- (B) radio-frequency
- (C) sectioning
- (D) reversible



26. Which of the following are not the pattern of sympathetic nervous system activation?

- (a) Increased heart rate
- (b) Pupil dilation
- (c) Decreased skin conductance
- (d) Increased salivation
- (A) a and b only
- (B) b and c only
- (C) c and d only
- (D) a and d only

27. Match List-I and List-II and select the correct answer from the codes given below:

	List-I (Neurochemical Structure)		List-II (Neuromuscular Transmission)
P	G protein	1	Short amino acid chains
Q	Neuropeptides	2	Neurotransmitter release
R	Exocytosis	3	Metabotropic receptors
S	Acetylcholinesterase	4	Enzymatic degradation

Codes:

- | | P | Q | R | S |
|-----|---|---|---|---|
| (A) | 1 | 3 | 4 | 2 |
| (B) | 4 | 3 | 1 | 2 |
| (C) | 2 | 4 | 1 | 3 |
| (D) | 3 | 1 | 2 | 4 |

28. Given below are the two statements - one is labelled as Assertion (a) and the other is labelled as Reason (r).

Assertion (a): The field of Biopsychology that deals with the Biology of behavior, rather than specifically with the neural mechanisms of behavior is comparative psychology.

Reason (r) : Comparative psychologists use laboratory methods and ethological research which studies animal behavior in the natural environment.

Codes:

- (A) Both (a) and (r) are true and (r) is the correct explanation of (a)
- (B) Both (a) and (r) are true, but (r) is not the correct explanation of (a).
- (C) (a) is true , but (r) is false
- (D) (a) is false , but (r) is true

29. Executive functions are mediated through _____ lobe of brain .

- (A) frontal
- (B) temporal
- (C) parietal
- (D) occipital



30. Absorptive phase of energy metabolism is characterized by which of the following sequence of events?
- I. Glucose increase
 - II. Parasympathetic activation
 - III. Pancreas secretes insulin
 - IV. Glucose enters the body cells
 - V. Glucose is stored in liver and muscle as glycogen
 - VI. Fat is stored in adipose cells as triglycerides
- (A) I, II, III, V, IV, VI
(B) I, II, III, IV, V, VI
(C) I, III, II, IV, VI, V
(D) I, IV, II, VI, V, III
31. Many parents set the family rules that specify the boundaries of media use, like requiring parental permission in terms of time, function and manner. What is it called in Parental Mediation theory?
- (A) Restrictive mediation
(B) Active mediation
(C) Fix time mediation
(D) Co-use mediation
32. Which theory enables to comprehend that the current scenario of media and digital landscape fall around each child/teenager at the level of home, school/college and community?
- (A) Theory of reasoned action
(B) Ecological theory of development
(C) Protection motivation theory
(D) Theory of resilience
33. Self-stereotyping effects of poverty tend to:
- I. Hinder with the efforts to come out of poverty
 - II. Reduce self- efficacy and performance
 - III. Lead to poor perception of personal responsibility
 - IV. Happen in case of generational poverty only
- (A) IV only
(B) I only
(C) I, II and III only
(D) II, III and IV only
34. Which of the following statements are correct?
- I. Binswanger gave an approach to psychotherapy called Dasein
 - II. Binswanger placed an emphasis upon here and now
 - III. Binswanger considered the past or future importance only in so far as they manifest themselves in the present
 - IV. According to Binswanger, each person lives in his or her own private, subjective world, which is not generalizable
- Choose the correct options:**
- (A) I, II and III only
(B) II, III and IV only
(C) I and IV only
(D) I, II and IV only



35. According to Peterson & Seligman (2001), which of the following are the character strengths to achieve the virtue of Transcendence?
- I. Gratitude
 - II. Fairness, equity and justice
 - III. Forgiveness and mercy
 - IV. Hope, optimism and future mindedness
 - V. Spirituality, sense of purpose, faith and religiousness

Choose the correct code:

- (A) I, II, III and IV only
 - (B) I, II, IV and V only
 - (C) I, III, IV and V only
 - (D) II, III, IV and V only
36. Given below are the two statements - one is labelled as Assertion (a) and the other is labelled as Reason (r).

Assertion(a):Type A behaviour pattern increases a person's risk for heart disease.

Reason (r): In people with Type A behaviour pattern, cynical hostility and anger relate to each other and may interact with other risk factors such as high blood pressure.

In the light of above two statements choose the correct option:

- (A) Both (a) and (r) are true and (r) is the correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not the correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true

37. Which of the following is NOT the similarity between cyberbullying and traditional bullying?
- (A) Both are acts of aggression
 - (B) Both occur among individuals between whom there is a power imbalance
 - (C) Behaviours are often repeated in both
 - (D) Victim in both forms of bullying involves anonymity
38. Set the correct sequence of the first five elements of flow :
- I. Distractions from consciousness are excluded
 - II. Actions and awareness are merged
 - III. Clear goals
 - IV. Feedback
 - V. Balance between challenges and skills
- (A) II, I, V, III, IV
 - (B) III, IV, V, II, I
 - (C) II, I, V, I, III
 - (D) I, II, V, III, I

39. Match the List -I with List – II and choose the correct answer from the codes given below:

	List-I		List-II
P	Taking a health check-up	1	Illness behaviour
Q	Eating a burger	2	Behavioural immunogen
R	Going to Doctor	3	Behavioural pathogen
S	Taking prescribed medicine	4	Sick role behaviour

- | | P | Q | R | S |
|-----|----|----|----|---|
| (A) | 4, | 1, | 2, | 3 |
| (B) | 2, | 3, | 1, | 4 |
| (C) | 3, | 4, | 2, | 1 |
| (D) | 2, | 1, | 4, | 3 |



40. Which of the following is NOT true according to Martin's paradox of happiness concept?
- (A) The motivation to acquire happiness may be counterproductive
 - (B) Pursuing happiness deliberately is self defeating
 - (C) To seek happiness one should focus on achieving goals that can yield satisfaction
 - (D) Pursuing happiness directly would lead to flow
41. Genetics determines the intellectual potential, but its actual manifestation is determined by the environmental factors. It is called :
- (A) Collinearity
 - (B) Reaction range
 - (C) Cohort effect
 - (D) Heritability
42. Intelligence is necessary but not sufficient condition for creativity. It represents :
- (A) Threshold theory
 - (B) Certification theory
 - (C) Interference theory
 - (D) Collaborative theory
43. A much lower verbal score than the same person's performance score is indicative of :
- (A) Mental deterioration
 - (B) Mild mental retardation
 - (C) Cortical damage
 - (D) Learning or reading disability

44. Creativity has been conceptualised in terms of following :
- I. As a product
 - II. As a process
 - III. As a potential
 - IV. As a perseverance
- (A) I and II only
 - (B) III and IV only
 - (C) I, II and III only
 - (D) I, II, III and IV
45. Torrance used the term "Creatively handicapped" for :
- (A) Students very high in creativity but low in academic achievement
 - (B) Students very high in intelligence and creativity
 - (C) Students average in intelligence and creativity
 - (D) Students with low levels of intelligence and creatively
46. Match List-I and List-II and select the correct answer from the codes given below :

	List-I		List-II
P	Big C creativity	1	Creativity of everyday life recognised by others
Q	Little C creativity	2	Creativity of eminence
R	Minimum C creativity	3	Subjective and personal form of day to day creativity
S	Low C creativity	4	Professional creativity that has not attained the status of eminence

Codes:

	P	Q	R	S
(A)	2	1	3	4
(B)	4	1	2	3
(C)	1	3	2	4
(D)	4	3	2	1



47. Match List-I and List-II and select the correct answer from the codes given below:

	List-I		List-II
P	Otis	1	Group test of intelligence
Q	Das	2	Cognitive assessment system
R	Cattell	3	Cognitive assessment battery
S	Galton	4	Psychophysical social tests

Codes:

	P	Q	R	S
(A)	1	2	3	4
(B)	4	1	2	3
(C)	1	3	2	4
(D)	4	3	2	1

48. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer from the code given below :

Assertion (a) : Jensen claimed that his level II ability is inclusive of cattell’s Gf and Gc.

Reason (r): Measures of Gf and Gc loaded on separate factors in factor analytic studies.

- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true

49. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer from the code given below :

Assertion (a) : Average level of Gf is higher in young adults than older adults.

Reason (r): Gc increases throughout life span.

- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true

50. Arrange the products of SOI model in a correct sequence :

- (A) Unit → class → relations → system → transformation → implication
- (B) Unit → class → relations → system → implication → transformation
- (C) Unit → system → class → relations → transformation → implication
- (D) Unit → class → transformation → system → relations → implication



51. A Sociometric analysis is based on which of the following?

- I. Single activity
- II. Multiple activity
- III. Individual interaction
- IV. Group interaction

- (A) I and III only
- (B) I and IV only
- (C) II and III only
- (D) II and IV only

52. According to Kelley's Casual Attribution Theory, we attribute another's behaviour to internal causes under which condition?

- (A) When consistency is low
- (B) When consistency is high
- (C) When consensus, consistency and distinctiveness are high
- (D) When consensus is low but consistency and distinctiveness are high

53. Which one of these is perceived by its perpetrators or victims as legitimate and justified?

- (A) Differential attitude
- (B) Stereotype
- (C) Discrimination
- (D) Prejudice

54. Match List-I and List-II and select the correct answer from the codes given below:

	List-I (Psycholoist)		List-II (Concept)
P	Asch	1	Norm formation
Q	Sherif	2	Conformity
R	Milgram	3	Obedience
S	Festinger	4	Cognitive Dissonance

Codes:

	P	Q	R	S
(A)	1	2	3	4
(B)	1	3	4	2
(C)	2	1	3	4
(D)	2	3	1	4

55. In response category of favourable item in Likert scale :

- I. Strongly agree
- II. Agree
- III. Undecided
- IV. Disagree
- V. Strongly disagree

What sequence is right from the following?

- (A) V, IV, III, II, I
- (B) V, IV, III, I, II
- (C) II, I, III, IV, V
- (D) I, II, III, IV, V

56. Which of the following are sources of error in social cognition?

- I. Counterfactual thinking
- II. Thought suppression
- III. Magical thinking
- IV. Judging by resemblance

- (A) I and II only
- (B) I, II and III only
- (C) I, III and IV only
- (D) III and IV only



57. The bystander effect states why a bystander is less likely to help people?
- (A) When the victim is not similar to the bystander in appearance
 - (B) When no one else present for help
 - (C) When other people are there for help
 - (D) When the incident occurs in a lonely place
58. Which of these form a primary group?
- I. Family II. Neighbours
 - III. Classmates IV. Teachers
 - V. Siblings VI. Parents
- (A) I, III and IV only
 - (B) II, III and IV only
 - (C) I, IV and V only
 - (D) I, V and VI only
59. Sheriff and Sherif's study conducted with autokinetic movement experiment examined which of the phenomenon?
- I. Social identity
 - II. Social conformity
 - III. Social facilitation
 - IV. Social persuasion
- (A) I only
 - (B) II only
 - (C) I, II and V only
 - (D) I, II and III only
60. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer from the code given below:
- Assertion (a)** : The effect of the schemas tend to persist but are not expressed in thought or behaviour.
- Reason (r)** : Schema is acquired by organising interpretation and processing social information.
- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
 - (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
 - (C) (a) is true, but (r) is false
 - (D) (a) is false, but (r) is true
61. Which of the following is/are true for Single – Subject designs?
- 1. Individuals become their own control
 - 2. Multiple points
 - 3. One or more interventions
 - 4. Randomisation
- (A) 1 and 2
 - (B) 1 and 3
 - (C) 1, 2 and 3
 - (D) 1, 2, 3 and 4
62. Which of the following non-parametric tests is applied on a large sample?
- (A) Chi-Square test
 - (B) Run – test
 - (C) Kolmogorov – Smirnov test
 - (D) t – test



63. In a contingency table of 5 columns and 3 rows, one column is merged into the succeeding column because of very low frequencies before applying Chi – Square test. What will be its effect on the degrees of freedom?
- (A) Will remain same
 (B) Will increase by 4
 (C) Will decrease by 4
 (D) Will decrease by 2
64. Which among the following correlations explains the maximum variation?
1. - .92
 2. - .79
 3. .82
 4. .92
- (A) Only 1
 (B) Only 4
 (C) Only 2 and 3
 (D) Only 1 and 4
65. In the two regression equations involving variables x and y, which of the following is/ are true of the two regression co-efficients?
1. Both b_{xy} and b_{yx} can be less than 1
 2. Both b_{xy} and b_{yx} can be more than 1
 3. Both b_{xy} and b_{yx} can have the same sign
 4. If one of them is greater than 1.00; Second has to be less than 1.00
- (A) Only 1 and 2
 (B) Only 1, 2 and 3
 (C) Only 2, 3 and 4
 (D) Only 1, 3 and 4

66. According to Piaget's theory of Cognitive Development, which among the following is the primary motivating force behind development?
- (A) Equilibrium
 (B) Organization/Adaptation
 (C) Assimilation
 (D) Accommodation
67. Match List – I with List – II and choose the correct answer from the codes given below:

	List-I (Concept)		List-II (Explanation)
P	Conservation	1	Ability to reproduce a modeled activity that has been witnessed at some point in the past
Q	Decentration	2	The ability to consider multiple aspects of a situation
R	Reversibility	3	The recognition that the properties of an object do not change when its appearance is altered in some superficial way
S	Deferred imitation	4	Ability to negate an action by mentally performing the opposite action

Options:

	P	Q	R	S
A)	2	3	1	4
B)	3	4	1	2
C)	1	2	3	4
D)	3	2	4	1



68. Which of the following have been included in the three dimensions of 'Selective Listening' given by Blocher (1966)?
- I. Listening to the material that blends with their own perception
 - II. Positive materials are responded to while negative feelings are ignored
 - III. Self-esteem is low
 - IV. Potential awareness
- (A) I and II only
 (B) II and IV only
 (C) I, III and IV only
 (D) I, II and III only
69. Match List – I with List – II and choose the correct answer from the codes given below:

	List-I (Mannerism)		List-II (Meanings attached by Fieldman (1959))
P	Crossing arms over chest	1	Contempt
Q	Artificial cough	2	Straight jacket
R	Finger or knuckle cracking	3	Hostility and aggression
S	Clossing nostrils with fingers	4	Criticism and doubt

- | | P | Q | R | S |
|-----|---|---|---|---|
| (A) | 4 | 3 | 2 | 1 |
| (B) | 2 | 3 | 1 | 4 |
| (C) | 2 | 4 | 3 | 1 |
| (D) | 1 | 4 | 2 | 3 |

70. Which of the following expression belongs to Roger's concept of Empathy?
- (A) Imagine the real
 - (B) Without ever loosing the 'as if' quality
 - (C) Role taking
 - (D) By putting in one's own shoes
71. What is the correct sequence of the following as per Sullivan's idea of development stages?
- I. Validation of perception
 - II. Restraining the drive of power
 - III. Self- dynamism
 - IV. Appearance of capacity to love
 - V. Patterning of lustful behaviour
- (A) V, II, I, IV, III
 (B) V, IV, II, I, III
 (C) III, II, I, IV, V
 (D) V, I, II, IV, III
72. Parents coo and clap while training their five years old on tying the shoe laces. This is :
- I. Increasing behavior by positive reinforcement
 - II. Learning by consequences
 - III. Behavioural chaining
 - IV. Shaping
- (A) IV only
 (B) I and II only
 (C) II and IV only
 (D) I, II and IV only



73. When Diabetical Behavior Therapy (DBT) is applied to a suicidal clients and the client experiences the following or as applied to a suicidal client, the dialectical transformation occurs in which of the following sequence?

- I. That life has no relevance and meaning
- II. That life has meaning and positive possibilities
- III. That life can be both inherently meaningful and completely relevant

- (A) I, III and II
- (B) II, I and III
- (C) III, I and II
- (D) I, II and III

74. In DSM 5, OCD has been removed from _____ and placed in _____ category.

- (A) Anxiety Disorders; Anxiety Related Disorders
- (B) Anxiety Disorders; Obsessive Compulsive and Related Disorders
- (C) Anxiety Related Disorders; Obsessive Compulsive Spectrum Disorders
- (D) Specified Anxiety Disorders; Specified Obsessive Compulsive and Related Disorders

75. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer from the code given below:

Assertion (a) : Psychoeducation is an essential component of CBT.

Reason (r) : Explaining what happens in the brain to cause symptoms helps the clients/patients to better understand their disorder and what they can do to create new circuits in the brain?

- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true

76. Which among the following won Nobel Prize for his work on mechanism of ear specially related to Basilar Membrane?

- (A) Helmholtz
- (B) Von Bekesy
- (C) Gardner
- (D) Schiffman



77. Top down theories of perception emphasis on :
- (1) Construction of reality beyond received information
 - (2) Past knowledge, attitudes and strategies
 - (3) Information received through senses
 - (4) Data available through different sensations
- (A) 1 and 2
- (B) 3 and 4
- (C) 2 and 3
- (D) 1, 2 and 3
78. In Depth Processing theory of memory, which of the following represents an accurate depth sequence?
- (A) Semantic, physical, acoustic
 - (B) Acoustic, semantic, physical
 - (C) Encoding, storage, retrieval
 - (D) Physical, acoustic, semantic
79. The reversal of perceptual defence is :
- (A) Perceptual vigilance
 - (B) Perceptual threshold
 - (C) Subliminal threshold
 - (D) Extra sensory perception
80. Which of the schedule of reinforcement has the fastest rate of responses?
- (A) Variable ratio
 - (B) Fixed ratio
 - (C) Fixed interval
 - (D) Variable interval
81. According to Sullivan, which stage of development of thinking represents the development of logical thought processes, enabling the integration and organisation of symbols?
- (A) Phototoxic mode
 - (B) Syntactic mode
 - (C) Parataxic mode
 - (D) Symbolic representation



82. Match List-I and List-II and select the correct answer from the codes given below:

	List-I (Memory store)		List-II (Cause of retrieval failure)
P	Echoic Memory	1	Inappropriate ones
Q	Short-term Memory	2	Masking
R	Long-term Memory	3	Inappropriate articulation
S	Working Memory	4	Dissociation
		5	Displacement

Codes:

	P	Q	R	S
(A)	2	4	1	3
(B)	5	4	3	1
(C)	3	2	1	5
(D)	2	1	5	3

83. Older adults show major decline in :

- (1) Selective attention
- (2) Focussed attention
- (3) Working memory
- (4) Implicit memory

- (A) 1 and 2
- (B) 1 and 4
- (C) 2 and 3
- (D) 2 and 4

84. In Autobiographical memory, what should be the correct sequence of stages?

- (1) Reminiscence Bump
- (2) Infantile Amnesia
- (3) Forgetting

- (A) 1, 2 and 3
- (B) 3, 2 and 1
- (C) 2, 1 and 3
- (D) 2, 3 and 1

85. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (r). Read the statements and choose the correct answer from the code given below :

Assertion (a) : A worker gets Rs. 1000 every time he makes 10 locks. After getting money, he rests for a while and then starts the work again.

Reason (r): Post reinforcement pause usually occurs immediately after the reinforcement.

- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true

86. Given below are two statements, one labelled as Assertion (a) and the other labelled as Reason (R). Read the statements and choose the correct answer from the code given below:

Assertion (a) : Routing procedure is used in speed tests of intelligence.

Reason (r) : The purpose of routing procedure is to identify the appropriate starting points for subsequent subtests.

- (A) Both (a) and (r) are true and (r) is correct explanation of (a)
- (B) Both (a) and (r) are true and (r) is not correct explanation of (a)
- (C) (a) is true, but (r) is false
- (D) (a) is false, but (r) is true



87. In cross- validation research, which term is used to explain less accuracy in prediction of relevant criteria with the new sample of examinees than with the original sample?

- (A) Standardization fallacy
- (B) Standard error of production
- (C) Standard error of measurement
- (D) Validity shrinkage

88. Spearman-Brown prophecy formula is used for, which of the following?

- 1. For finding the reliability in split-half method
- 2. Relationship between reliability and length of the test
- 3. Relationship between reliability and validity
- 4. For finding the relationship between validity and length of the test

- (A) 1 only
- (B) 1 and 2 only
- (C) 2 and 4 only
- (D) 3 and 4 only

89. Picture construction activity in Torrance Test of Creative Thinking is scored for which of the following?

- 1. Originality
- 2. Elaboration
- 3. Fluency
- 4. Flexibility

- (A) 1 and 2 only
- (B) 1, 2 and 3 only
- (C) 3 and 4 only
- (D) 1, 2, 3 and 4

90. Which of the following formula/s are used to convert raw score into T- score?

1. $T = \frac{10(X-M)}{\sigma} + 50$

2. $T = \frac{10(Z)}{\sigma} + 50$

3. $T = \frac{10(z)}{\sigma} \times 50$

4. $T = \frac{10(X-M)}{\sigma} \times 50$

- (A) 1 only
- (B) 2 only
- (C) 1 and 2 only
- (D) 3 and 4 only



91. Factorial design is used in which condition applied?
- (A) One independent variable and one dependent variable
 - (B) More than one independent variable and one dependent variable
 - (C) More than one independent variable and dependent variable
 - (D) One independent variable and more than dependent variable

92. Match List-I and List-II and select the correct answer from the codes given below:

	List-I (Psychologist)		List-II (Scale)
P	Thurstone	1	Social Distance Scale
Q	Osgood	2	Equal Appearing Scale
R	Guttman	3	Summated Rating Scale
S	Bogardus	4	Semantic Differential Scale

Codes:

- | | | | | |
|-----|----------|----------|----------|----------|
| | P | Q | R | S |
| (A) | 4 | 3 | 2 | 1 |
| (B) | 2 | 4 | 3 | 1 |
| (C) | 2 | 3 | 4 | 1 |
| (D) | 3 | 2 | 1 | 4 |
93. Arrange the following scoring from highest to smallest components of location criteria of Rorschach Inkblot Technique :
- (A) W D Dd Dde
 - (B) W Dd D Dde
 - (C) W D Dde Dd
 - (D) D W Dde Dd

94. Who among the following provide interpretation system for Rorschach Inkblot Technique?

- 1. Hermann Rorschach
- 2. Exner
- 3. Klopfer
- 4. Beck

- (A) 1 and 2 only
- (B) 1, 3 and 4 only
- (C) 2, 3 and 4 only
- (D) 3 and 4 only

95. Arrange the scales of Cattell's Culture Fair Test in sequence :

- 1. Series
- 2. Matrices
- 3. Classification
- 4. Conditions

- (A) 1, 2, 3 and 4
- (B) 1, 4, 2 and 3
- (C) 1, 3, 2 and 4
- (D) 4, 3, 2 and 1



Read the paragraph given below and answer the question from 96 to 100 that follows :

A researcher applied factor analysis on 100 highly correlated variables extracting 5 factors and on further analysis obtained 2 second order factors. The values of h^2 were .78, .42, .85, .60 and .52 respectively and the eigenvalues were 3.56 and 2.75. He used screen test to determine the number of factors to be retained and at that point the eigenvalue was more than 1.00. The researcher also wanted to know about reliability of the various measures of the variables used in the analysis and was able to arrive at some conclusions which were based on the assumptions of factor analysis.

96. Which of the following statement is true about factor analysis?
- (A) Higher the intercorrelation between variables, lower will be the number of factors extracted
 - (B) Higher the intercorrelation between variables, higher will be the number of factors extracted
 - (C) Lower the intercorrelation between variables, lower will be the number of factors extracted
 - (D) The correlation between variables does not influence the number of extracted factors
97. Which is the likely type of rotation used by the researcher in the above example?
- (A) Direct oblimin
 - (B) Varimax
 - (C) Quartmax
 - (D) Equimax

98. In the above example, if we take eigenvalue = 1 criteria, the number of extracted factor will :
- (A) Increase
 - (B) Decrease
 - (C) Remain equal
 - (D) Can not say with surety
99. Which among the following can be inferred from the above research?
- I. Variables 3 has the highest uniqueness and variable 2 has the lowest uniqueness
 - II. Variable 3 has the lowest uniqueness and variable 2 has the highest uniqueness
 - III. Other things remaining constant, variable 2 will have the highest reliability
 - IV. Other things remaining constant, variable 3 will have the highest reliability
- (A) I and III are correct
 - (B) I and IV are correct
 - (C) II and III are correct
 - (D) II and IV are correct
100. Which of the following are the applications of Factor Analysis?
- 1. To find causal relationship between variables
 - 2. Parsimonious way of explaining a large number of independent variables into few factors
 - 3. To find the commonness among the variables
 - 4. In general, it provides empirical support to trait approach
- (A) 1 and 2 only
 - (B) 3 and 4 only
 - (C) 2 and 3 only
 - (D) 2, 3 and 4 only



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ROUGH WORK



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