

ENTRANCE EXAMINATION FOR ADMISSION, MAY 2010. ✓

Ph.D. (APPLIED PSYCHOLOGY)

COURSE CODE : 157

Register Number :



Signature of the Invigilator
(with date)

COURSE CODE : 157

Time : 2 Hours

Max : 400 Marks

Instructions to Candidates :

1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.
2. Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.
3. Read each question carefully and shade the relevant answer (A) or (B) or (C) or (D) in the relevant box of the ANSWER SHEET using HB pencil.
4. Avoid blind guessing. A wrong answer will fetch you -1 mark and the correct answer will fetch 4 marks.
5. Do not write anything in the question paper. Use the white sheets attached at the end for rough works.
6. Do not open the question paper until the start signal is given.
7. Do not attempt to answer after stop signal is given. Any such attempt will disqualify your candidature.
8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.
9. Use of Calculators, Tables, etc. are prohibited.

1. The method proposed by Watson for a behaviourist's research
 - (A) Observation
 - (B) Conditioned reflex method
 - (C) Verbal report method
 - (D) All of the above

2. Which of the following theory is termed as "emergency theory" of emotion?
 - (A) James-Lange theory
 - (B) Cannon-Bard theory
 - (C) Tri-Dimensional theory
 - (D) Organic readjustment theory

3. When thinking is dominated by thinker's needs rather than by demands of reality, it is termed as _____
 - (A) Animism
 - (B) Autistic thinking
 - (C) Convergent thinking
 - (D) None of the above

4. Which of the following is not a process of dream work _____?
 - (A) Condensation
 - (B) Displacement
 - (C) Secondary elaboration
 - (D) None of the above

5. Percepts take the best form possible under the circumstances". This is principle of
 - (A) Continuity
 - (B) Proximity
 - (C) Pragnaz
 - (D) Transposition

6. The ability to know objects or events without sensory mediation is called _____
 - (A) Precognition
 - (B) Telepathy
 - (C) Clairvoyance
 - (D) Psycho kinesis

7. A concept which is adapted for a particular study is called
 - (A) Phenomenon
 - (B) Construct
 - (C) Issue
 - (D) Factor

8. The need for curiosity is an example of _____
 - (A) Primary motive
 - (B) Secondary Motive
 - (C) General Motive
 - (D) None of the above

9. Vertical expansion of jobs is involved in _____ type of job design
 - (A) Job rotation
 - (B) Job enlargement
 - (C) Job enrichment
 - (D) Flexitime

10. Which of the following type of conflict is extremely disruptive?
- (A) Approach-Approach (B) Avoidance-Avoidance
(C) Approach-Avoidance (D) All of the above
11. Which of the following schools of psychology had the aim to observe the contents of consciousness?
- (A) Behaviourism (B) Structuralism
(C) Gestalt School (D) Functionalism
12. In case of 't' test, the distribution is _____
- (A) Platykurtic (B) Mesokurtic
(C) Leptokurtic (D) Positively skewed
13. What is the correct sequence of moral development as suggested by Kohlberg?
- (A) Premoral level → Morality of individual principles → Morality of convention
(B) Premoral level → Morality of convention → Morality of individual principles
(C) Morality of individual principles → Premoral level → Morality of convention
(D) Morality of individual principles → Morality of convention → Premoral level
14. Which of the following psychologist served as both experimenter and subject in his experiment?
- (A) Cattell (B) Piaget (C) Ebbinghaus (D) All of them
15. "When one response fails to produce satisfying state of affairs, it will trigger a new response" – This is the principle of _____
- (A) Selective responses (B) Disposition
(C) Multiple responses (D) Response by analogy
16. In an experiment of generalization, if a subject is confronted with impossible discrimination, it will lead to _____
- (A) Inhibitory break (B) Irradiation
(C) Generalization (D) Experimental neurosis

17. The parts of the neurons that conduct action potential away from the cell body are called _____
- (A) Axons (B) Dendrites
(C) Glial cells (D) Axon terminals
18. Fractional anticipatory goal response is an explanation of
- (A) Latent learning (B) Social Learning
(C) Operant conditioning (D) Classical conditioning
19. What is not true about product moment correlation?
- (A) indicates magnitude of relationships
(B) shows directions of relationships
(C) predicts one variable from the other
(D) always measures linear relationship
20. A teacher offers her student a prize for each ten correct answers. This is an example of which reinforcement schedule?
- (A) Fixed interval (B) Fixed ratio
(C) Intermittent interval (D) Intermittent ratio
21. Practice beyond perfect recitations will be termed as
- (A) Over learning (B) Extinction
(C) Under learning (D) Part learning
22. Zeigarnik effect refers to the tendency to remember Completed tasks
- (A) More practiced tasks (B) Unfinished tasks
(C) Both (A) & (B) (D) Pleasant tasks
23. Which of the following is true for a test?
- (A) Split-half reliability will be less than Kuder-Richardson reliability
(B) Split-half reliability will be equal to Kuder-Richardson reliability
(C) Split-half reliability will be greater than Kuder-Richardson reliability
(D) Cannot be said

24. Humanistic perspective of psychology focuses upon
- (A) Unconscious process (B) Inherited tendencies
(C) Personal growth (D) Cultural factors
25. Which of the following universities has the Center of Excellence in Psychology?
- (A) University of Delhi (B) Jawaharlal Nehru University
(C) Allahabad University (D) Utkal University
26. Which of the following view is represented by Gestalt psychology?
- (A) Molar (B) Molecular
(C) Molar as well as molecular (D) Neither Molar nor molecular
27. Which of the following is not an ethical issue in psychological research?
- (A) Confidentiality (B) Informed consent
(C) Debriefing (D) None of the above
28. Reactive inhibition is caused by _____
- (A) Presentation of arbitrary stimulus
(B) Fatigue
(C) Lack of association between CS and US
(D) Lack of association between CS and CR
29. The structure within the brain concerned with sleep and arousal is
- (A) Medulla (B) Limbic system
(C) Reticular Activating System (D) Cerebellum
30. Biofeedback is based upon which principle of learning?
- (A) Classical conditioning (B) Operant conditioning
(C) Social learning (D) Insightful learning

31. If a client comes with some visual disturbance, we may suspect that there is an injury to his
- (A) Temporal lobe (B) Parietal lobe
(C) Frontal lobe (D) Occipital lobe
32. Maximum resources are used at which stage of the General Adaptation Syndrome model?
- (A) Alarm stage (B) Resistance stage
(C) Exhaustion stage (D) Any of the above
33. Which of the following hormone plays an important role in stress reaction?
- (A) Glucagon (B) Thyroxin (C) Epinephrine (D) Insulin
34. The smallest amount of a stimulus that we can detect 50 % of time is called
- (A) Difference threshold (B) Absolute threshold
(C) Just noticeable difference (D) Both (A) and (B)
35. The correct sequence in organizational socialization is
- (A) Prearrival → Metamorphosis → Encounter
(B) Prearrival → Encounter → Metamorphosis
(C) Metamorphosis → Prearrival → Encounter
(D) Metamorphosis → Encounter → Prearrival
36. Wrong perception in the absence of a stimulus is
- (A) Illusion (B) Hallucination
(C) Delusion (D) All the above
37. The form of conditioning in which the conditioned stimulus precedes and does not overlap with the unconditioned stimulus is known as
- (A) Delayed conditioning (B) Simultaneous conditioning
(C) Trace conditioning (D) Backward conditioning

38. Students attend every class in order to avoid the scolding of a particular teacher. This is an example of
- (A) Negative reinforcement (B) Punishment
(C) Positive reinforcement (D) Both (A) and (B)
39. Reductions in motivation and effort when individuals work in a group compared to than they work individually is known as _____
- (A) Social facilitation (B) Social rejection
(C) Social exclusion (D) Social loafing
40. According to Bandura which of the following is the correct sequence of social learning?
- (A) Attention → Reproduction → Retention → Reinforcement
(B) Attention → Reproduction → Reinforcement → Retention
(C) Attention → Retention → Reinforcement → Reproduction
(D) Attention → Retention → Reproduction → Reinforcement
41. Working memory is another term for
- (A) Long term memory (B) Sensory memory
(C) Short-term memory (D) Procedural memory
42. Who among the following has worked extensively upon sensory memory?
- (A) Tulving (B) Ebbinghaus (C) Sperling (D) Miller
43. For the concept of 'art' which of the following is not prototypical?
- (A) Paintings (B) Flower (C) Drawings (D) Sculptures
44. Linguistic relative hypothesis views that
- (A) Language shapes thought (B) Thought shapes language
(C) Behaviour shapes thought (D) Thought shapes behaviour
45. Factorial design is best suited for
- (A) field study (B) survey research
(C) longitudinal study (D) experimental study

46. Left hemisphere is not the main center for
(A) Language (B) Music
(C) Mathematical thinking (D) Analytical thinking
47. _____ schizophrenia is least serious of all types.
(A) Hebephrenic (B) Catatonic
(C) Paranoid (D) Simple
48. Rehabilitation Council of India comes under the ministry of _____
(A) Health & Family Welfare
(B) Social Justice & Empowerment
(C) Human Resource Development
(D) Law & Justice
49. There was a quarrel between the husband and wife. The wife shifted her anger to their small child over a trivial matter. This is an example of _____
(A) Projection (B) Introjection
(C) Displacement (D) Reaction formation
50. A trainer developed a training programme in which he divided a complex task to a sequence of smaller tasks and praised at each step when accomplished by the trainee. This is an application of _____
(A) Chaining (B) Shaping
(C) Both (A) and (B) (D) Neither (A) nor (B)
51. Attempt to praise others by flattering is known as _____
(A) Procrastination (B) Ingratiation
(C) Individuation (D) Identification
52. Who is the chairman of Indian Council of Philosophical research?
(A) P.V. Ramkrishnarao (B) Radhanath Rath
(C) Giriswar Mishra (D) None of the above

53. Fear of open places is known as _____
- (A) Algophobia (B) Astraphobia
(C) Acrophobia (D) Agoraphobia
54. A reputed Indian psychologist who worked extensively in the area of training & development passed away recently. S/he is _____
- (A) Manisha Sen (B) Udai Pareek
(C) Amitava Chatterjee (D) DN Sinha
55. The popular hindi movie "tare jameen par" is based upon
- (A) Autism (B) Multiple personality disorder
(C) Dyslexia (D) AD/HD
56. The concept of nurturant- task leadership has been propounded by
- (A) JBP Sinha (B) D N Sinha (C) A K Sinha (D) SP Sinha
57. The relationship between F ratio and 't' ratio
- (A) $t = F^2$ (B) $t = F$
(C) $F = t^2$ (D) cannot be said
58. Two factor theory of work motivation was advocated by
- (A) Herzberg (B) Maslow (C) Vroom (D) Alderfer
59. The emotional fear is learned through
- (A) classical conditioning (B) operant conditioning
(C) insightful learning (D) trial and error learning
60. _____ is considered as the father of mental test
- (A) Stern (B) Binet (C) Galton (D) Cattell

61. When CA is equal to MA the IQ is
(A) 0 (B) 100
(C) 1 (D) none of the above
62. The PASS model was proposed by
(A) Gardner (B) Sternberg
(C) Jensen (D) Das
63. The _____ intelligence is known as practical intelligence
(A) contextual (B) componential
(C) experiential (D) crystallized
64. Interpreting the external world through existing cognitive structure is called
(A) assimilation (B) accommodation
(C) organization (D) equilibrium
65. Which of the following is as a culture fair test?
(A) WAIS -R (B) Stanford-Binet
(C) Ravens progressive matrices (D) All of the above
66. Which of the following type of memory will have emotional content?
(A) episodic memory (B) semantic memory
(C) procedural memory (D) working memory
67. What is not a characteristic of about hallucination?
(A) false perception (B) wrong perception
(C) caused by internal stimulation (D) personal experience
68. Which of the following statements is not true in the context of figure and ground relationship?
(A) figure has a definite shape
(B) figure seems to continue behind the ground
(C) figure appears more impressive
(D) figure looks brighter than the ground

69. _____ coordinates reflex actions
- (A) brain (B) spinal cord
(C) hypothalamus (D) medulla
70. Crowd behavior can be best studied through the method of
- (A) case history (B) experimentation
(C) observation (D) survey research
71. The learner characteristics are studied by _____ psychologists
- (A) educational (B) developmental
(C) comparative (D) clinical
72. Who among the following is strong advocate of cognitive behavior approach to therapy?
- (A) Alfred Adler (B) Albert Ellis (C) Carl Rogers (D) Moreno
73. While conducting researches in behavioural sciences, we mostly use _____ scale of measurement
- (A) Nominal (B) Ordinal (C) Interval (D) Ratio
74. The symptom that doesn't appear in case of neurotic individuals is
- (A) emotional destruction (B) delusion
(C) decompensation (D) disturbed social relations
75. The smallest units of speech that conveys meaning is
- (A) Phonemes (B) Morphemes
(C) Syntax (D) Alphabet
76. Max-min-con principle refers to
- (A) maximization of systematic variance, minimization of extraneous variance, and control of error variance
(B) maximization of systematic variance, minimization of error variance, and control of extraneous variance
(C) maximization of extraneous variance, minimization of systematic variance, and control of error variance
(D) maximization of extraneous variance, minimization of error variance and control of systematic variance

77. Which of the following states has lowest female : male ratio?
- (A) Tamilnadu (B) Uttarpradesh
(C) Haryana (D) Panjab
78. The analysis in multiple regressions takes into account
- (A) one dependent variable and one independent variable
(B) more than one dependent variable and one independent variable
(C) one dependent variable and more than one independent variable
(D) more than one dependent variable and more than one independent variable
79. Tolman's theory of purposive behaviour is a
- (A) Reinforcement theory (B) Social theory
(C) Cognitive theory (D) None of the above
80. National institute of mental health and neurosciences is situated at
- (A) Bangalore (B) Delhi (C) Kolkotha (D) Chennai
81. Factor analysis is an effective method for establishing
- (A) Content validity (B) Concurrent validity
(C) Predictive validity (D) Construct validity
82. Sten score is a form of _____ norm
- (A) Age norm (B) Grade norm
(C) Standard score norm (D) Percentile norm
83. Which of the following journal is not published in India?
- (A) Psychology & Developing Societies
(B) Psychological Studies
(C) Journal of Psychological Researches
(D) Journal of Applied Psychology

84. If a test consists of very easy items, then the scores from a sample will have _____ distribution
- (A) Positively skewed (B) Negatively skewed
(C) Leptokurtic (D) Platykurtic
85. Sahoo, F.M. (2002). Participative decision making : Issues and concerns. *Organization Decision Processes*, 21 (4), pg. 412-428. In this reference, Organization Decision Processes is a _____
- (A) Book (B) Journal
(C) Edited Book (D) Thesis
86. Type II error appears, if we _____
- (A) Reject the null hypothesis, when it is true
(B) Accept the null hypothesis, when it is true
(C) Accept the null hypothesis, when it is false
(D) Reject the null hypothesis, when it is false
87. In a situation where leader-member relation is good, task structure is high and position power is strong, which type of leaders will have better performance?
- (A) Task oriented (B) Relationship oriented
(C) Laissez-fair type (D) None of these
88. Which of the following is not a suitable method for studying brain functions?
- (A) Magnetic Resonance Imaging (B) Histology
(C) Positron Emission Tomography (D) Cross Sectional study
89. If the length of the test is increased, the value of reliability coefficient will _____
- (A) Increase (B) Decrease
(C) Remain the same (D) May increase or may decrease
90. Suppose you were hired for conducting a research on AIDS patients in the rural areas of a state. For this research which type of sampling will be more effective?
- (A) Stratified sampling (B) Area sampling
(C) Snowball sampling (D) Purposive sampling
91. While preparing a graph the proportion of X axis to Y axis should be _____
- (A) 4 : 3 (B) 3 : 4 (C) 3 : 2 (D) 2 : 3

92. The capacity for acquiring new concepts and adapting to novel situations is referred as
- (A) Crystallized intelligence (B) Weighted intelligence
(C) Fluid intelligence (D) Emotional intelligence
93. Which of the following is a psycho physiological disorder?
- (A) Ulcer (B) Eczema
(C) Migraine (D) All the above
94. Which of the following is a continuous variable?
- (A) Number of family members (B) Gender
(C) Age (D) Nationality
95. Which of the following is a binocular cue to depth perception?
- (A) Linear perspective (B) Texture gradient
(C) Convergence (D) Height cues
96. Which of the following is an OD intervention?
- (A) Sensitivity training (B) Process consultation
(C) Team building (D) All of these
97. The difficulty index of a test item is .95. It means the item is _____
- (A) Very easy (B) Very difficult
(C) Moderately easy (D) Moderately difficult
98. In which type of small-group network satisfaction level of the members will be low?
- (A) Chain (B) Wheel
(C) All Channel (D) None of these
99. The term Hodological Space was coined by
- (A) Kurt Lewin (B) Victor Vroom
(C) Neal Miller (D) Albert Bandura
100. _____ has worked extensively upon 'need for achievement'
- (A) McClelland (B) Maslow (C) McGregor (D) Herzberg