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) Flextime
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) Cattel  (B) Piaget  (C) Ebinghaus  (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  
(C) Glial cells

(B) Dendrites  
(D) Axon terminals

18. Fractional anticipatory goal response is an explanation of

(A) Latent learning  
(C) Operant conditioning

(B) Social Learning  
(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  
(C) Intermittent interval

(B) Fixed ratio  
(D) Intermittent ratio

21. Practice beyond perfect recitations will be termed as

(A) Over learning  
(C) Under learning

(B) Extinction  
(D) Part learning

22. Zeigarnik effect referrers to the tendency to remember Completed tasks

(A) More practiced tasks  
(C) Both (A) & (B)

(B) Unfinished tasks  
(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 the 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 when 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→Rétention→ Renforcement
   (B) Attention→ Reproduction→Renforcement→Retention
   (C) Attention→ Retention→ Renforcement→ Reproduction
   (D) Attention→ Retention→ Reproduction→ Renforcement

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) Udaip 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 a strong advocate of the cognitive behavior approach to therapy?
   (A) Alfred Adler    (B) Albert Ellis    (C) Carl Rogers    (D) Moreno

73. While conducting research in behavioral sciences, we mostly use scale of measurement
   (A) Nominal    (B) Ordinal    (C) Interval    (D) Ratio

74. The symptom that doesn’t appear in cases of neurotic individuals is
   (A) emotional destruction (B) delusion
   (C) decompensation (D) disturbed social relations

75. The smallest units of speech that convey 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

   (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
   (C) Remain the same
   (B) Decrease
   (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
   (C) Snowball sampling
   (B) Area 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 Holographic 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