ENTRANCE EXAMINATION FOR ADMISSION, MAY 2012.

M.Sc. (APPLIED PSYCHOLOGY)

COURSE CODE : 388

Register Number : 

Signature of the Invigilator
(with date)

______________________________________________________________________

COURSE CODE : 388

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 of the 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. Stage 4 sleep EEG is characterized by a predominance of ________ waves.
   (A) Delta    (B) Beta    (C) Gamma    (D) Theta

2. Dreaming occurs predominantly during ________ sleep.
   (A) NREM    (B) REM    (C) Deep    (D) Slow wave

3. The 16 PF Questionnaire was developed by
   (A) Thurstone    (B) Cattell    (C) Gough    (D) Murray

4. The Oedipal complex occurs during the
   (A) Oral stage    (B) Anal stage    (C) Phallic stage    (D) Genital stage

5. The study of the mind by analysis of one's own thought processes is
   (A) Introjection    (B) Regression    (C) Repression    (D) Introspection

6. ________ is involved in posture, physical balance and fine-motor co-ordination.
   (A) Cerebrum    (B) Cerebellum    (C) Pons    (D) Medulla

7. The ________ scan detects abnormal brain activity by monitoring a radioactive tracer substance as it travels through the blood vessels of the brain.
   (A) CT    (B) PET    (C) MRI    (D) EEG

8. People have an easier time recalling an event if they are in the same mood as the one they were in when the event occurred.
   (A) Cue-dependent memory    (B) State-dependent memory
   (C) Long term memory    (D) Short term memory

9. The rods and cones are
   (A) Ch make synaptic connections with the ganglion cells
   (B) The fibers of which form the optic nerve
   (C) The photosensitive cells that convert light energy into nerve impulses
   (D) None of the above

10. An artist is able to give depth to his picture because he can make use of the
    (A) Brush    (B) Colours
    (C) Paper    (D) Monocular cues

11. Running of movie is possible because of
    (A) Real motion    (B) Stroboscopic motion
    (C) Autokinetic motion    (D) Electrical motion
12. Alcohol is a
   (A) Stimulant  (B) Hallucinogen  (C) Depressant  (D) All the above

13. Shifting from right-hand driving (in America) to a left-hand driving (in Britain) is an example of
   (A) Positive transfer of learning
   (B) Negative transfer of learning
   (C) No transfer of learning
   (D) Learning by past experience

14. You are teaching a mentally retarded child to dress herself. When she does something correctly, you give her a poker chip, which she can later exchange for food or privileges. This is an example of
   (A) Programmed instruction
   (B) Discrimination training
   (C) A token economy
   (D) Systematic desensitization

15. Essay tests require ————; multiple choice tests require ————.
   (A) Ecball; recognition
   (B) Recognition; recall
   (C) Recall; recall
   (D) Recognition; recognition

16. Ability includes
   (A) Aptitude
   (B) Achievement
   (C) Both aptitude and achievement
   (D) None of the above

17. Diabetes is caused by
   (A) Hereditary factors only
   (B) Environmental factors
   (C) Interaction between hereditary and environment
   (D) The cause of diabetes is not certain

18. Central nervous system consists of
   (A) the brain
   (B) the brain and the spinal cord
   (C) the brain, the spinal cord and the autonomic system
   (D) the brain and the somatic system

19. ———— is also known as the “master gland”.
   (A) Thyroid gland
   (B) Pituitary gland
   (C) Adrenal gland
   (D) Gonads
20. In a dark room, a rope may be viewed as a snake. This principle is called _________.
   (A) Hallucination  (B) Delusion  
   (C) Illusion       (D) Figure-ground

21. Which among the following is not a cognitive variable affecting behavior?
   (A) Expectancies (B) Values   (C) Plans     (D) Images

22. IMF stands for
   (A) Indian Medical Federation  
   (B) Indian Metropolitan Forum  
   (C) International Monetary Fund  
   (D) International Metropolitan Fund

23. HIV infection is not possible through _________.
   (A) Unprotected sex (B) Blood transfusion  
   (C) Kissing and Hugging (D) Using infected syringes

24. ________ leaders inspire followers to transcend their own self-interests and have a profound and extraordinary effect on followers.
   (A) Transactional (B) Charismatic  
   (C) Transformational (D) Authentic

25. In a conflict situation the willingness of one party to place the opponent’s interests above his/her own is called _________.
   (A) Accommodating (B) Collaborating  
   (C) Compromising (D) Competing

26. Aetiology is a term;
   (A) Used to describe a course of treatment  
   (B) Used to predict the length of treatment  
   (C) Used to describe the causes or origins of psychological symptoms  
   (D) That describes a specific theory related to psychopathology

27. What is the name of an effect that occurs when an experimental group gets better simply because they are being given a pill and this leads them to expect to get better?
   (A) The domino effect (B) The butterfly effect  
   (C) The placebo effect (D) The expectancy effect
28. Oamine oxidase inhibitors (MAOIs) are effective for the treatment of:
   (A) Schizophrenia  (B) Major depression
   (C) Obsessive compulsive disorder  (D) Generalized anxiety disorder

29. If an individual suffers a traumatic event and has a neurological disorder that means they may be unable to recall anything from the moment of the injury or to retain memories of recent events. This is known as:
   (A) Anterograde amnesia  (B) Retrograde amnesia
   (C) Postevent amnesia  (D) Antenatal amnesia

30. Often the first signs of neurological disorders are deficits in basic cognitive functions and also deficits in skills that involve problem-solving, planning and engaging in goal-directed behaviour. These types of functions are known as
   (A) Directive functions  (B) Executive functions
   (C) Management functions  (D) Slave functions

31. One of the most common features of neurological disorders are language deficits and are collectively known as
   (A) Dysphasias  (B) Alogias  (C) Anomias  (D) Aphasias

32. The production of incoherent, jumbled speech is known as
   (A) Nonfluent aphasia  (B) Disruptive aphasia
   (C) Fluent aphasia  (D) Anomic aphasia

33. When the individuals is be unable to recognise everyday objects and name them correctly, this is known as
   (A) Prosopagnosia  (B) Anomia  (C) Agnosia  (D) Aphosonomia

34. A neurological disorder that is characterised by impairments in motor performance and coordination are known as
   (A) Dyspraxia  (B) Apraxia  (C) Anapraxia  (D) Aamotoria

35. Meningitis refers to that class of infections that cause inflammation of the meninges. Which part of the brain does this refer to?
   (A) Spinal fluid
   (B) Membranous covering of the brain and spinal cord.
   (C) Main part of a neurone
   (D) Axon terminal
36. Which of the following is an example of a Specific Learning Disability?
   (A) Mental retardation  (B) Dyslexia
   (C) ADHD  (D) Autistic spectrum disorders

37. Which of the following is an example of an intellectual disability?
   (A) Dyslexia  (B) ADHD
   (C) Mental retardation  (D) Autistic spectrum disorders

38. An example of a Developmental Disorder is:
   (A) Dyslexia  (B) ADHD
   (C) Mental retardation  (D) Autistic spectrum disorders

39. In learning disabilities, the name for mathematical disorder is:
   (A) Dyspraxia  (B) Dyslexia  (C) Dysecalculia  (D) Dysphasia

40. Which of the following procedures can be used to identify Down Syndrome pre-natally?
   (A) Amniocentesis  (B) Amnioprolaxis  (C) Amniophalaxi  (D) Amniocalesis

41. Which of the following is the main neurological birth syndrome caused by anoxia?
   (A) Down Syndrome  (B) Fragile X Syndrome
   (C) Cerebral Palsy  (D) Cerebral Vascular Accident

42. Early manifestation of symptoms such as severe impairment in social interaction and in communication can be diagnosed as which of the following?
   (A) Infantile autism  (B) Infantile amnesia
   (C) Cerebral palsy  (D) Rett’s syndrome

43. The ———— is where the genes and chromosomes for the cell’s proteins are stored.
   (A) Endoplasmic reticulum  (B) Nucleus
   (C) Golgi bodies  (D) Mitochondria

44. The ———— are the cell’s power plants that supply its energy needs.
   (A) Lysosomes  (B) Golgi bodies
   (C) Nucleus  (D) Mitochondria

45. The ———— are saclike vesicles that not only transport incoming supplies, but also move and store wastes.
   (A) Lysosomes  (B) Golgi bodies
   (C) Endoplasmic reticulum  (D) Nucleus
46. Francis Galton is the cousin of
   (A) Rene Descartes          (B) Jean Baptiste Bouilllard
   (C) Marc Dax                (D) Charles Darwin

47. Fibers which carry information away from the CNS and to it constitute the
   (A) Central nervous system  (B) Peripheral nervous system
   (C) Projection fibers       (D) Association fibers

48. __________ is the diagnosis of nervous system injury by physicians who are
     specialists in nervous system diseases.
     (A) Neuroscience           (B) Neurology
     (C) Psychology             (D) Neuropsychology

49. __________ referred the left hemisphere as the “analyzer” and the right hemisphere
     as the “synthesizer”.
     (A) Sperry                  (B) Nebes
     (C) Ramachandran            (D) Gazzaniga

50. Lesions in both parietal & occipital lobes of the left hemisphere leads to defects
     (A) Reading                 (B) Painting
     (C) Sketching               (D) Puzzle solving

51. What is an organic disorder?
     (A) Disorder caused by a mental illness that affects the brain
     (B) Disorder caused by a physical illness or an injury that affects the brain
     (C) Physiological cause and does not involve the brain.
     (D) None of the above

52. A knock out in the boxing match is an example of
     (A) Contusion                (B) Concussion
     (C) Laceration               (D) Delirium

53. The most common form of dementia is
     (A) Alzheimer’s disease      (B) Depression
     (C) Pick’s disorder          (D) OCD

54. Inability to incorporate new memories
     (A) Confabulation            (B) Retrograde amnesia
     (C) Anterograde amnesia      (D) Amnesia

55. The chronic inability to sleep is called __________.
     (A) Somnambulism            (B) Narcolepsy
     (C) Insomnia                (D) All the above
56. Diagnosis of AD/HD depends on a patient being rated against these categories of symptoms.
   (A) Inattention, impulsivity hyperactivity
   (B) Hyperactivity, impulsivity, aggression
   (C) Inattention, impulsivity, aggression
   (D) Intelligence, disruptiveness, hyperactivity

57. What is trichotillomania?
   (A) Excessive swearing
   (B) Hair pulling
   (C) Excessive need to cheek
   (D) Grinding one's teeth

58. What type of anxiety disorders is said to be the most difficult to diagnose?
   (A) OCD
   (B) Agoraphobia
   (C) Specific phobias
   (D) Generalized anxiety disorder

59. The theory of separation individuation is associated with
   (A) Mahler
   (B) Freud
   (C) Abraham
   (D) Mcguill

60. Anancastic PD is similar to
   (A) Narcissistic PD
   (B) Obsessive-compulsive PD
   (C) Histrionic PD
   (D) Paranoid PD

61. Nicotine is associated with
   (A) Coffee
   (B) Alcohol
   (C) Cigarette
   (D) Tea

62. Hyoactive sexual disorder is
   (A) Over desire
   (B) No desire
   (C) A little desire
   (D) None of these

63. Sexual gratification through pain inflicted on oneself
   (A) Sadism
   (B) Masochism
   (C) Pedophilia
   (D) Fetishism

64. National Mental Health Programme launched by Govt. of India in the year
   (A) 1972
   (B) 1982
   (C) 1992
   (D) 2002

65. The Naval Psychological Research unit is operating in
   (A) Kochi
   (B) Vishakapattannam
   (C) Mumbai
   (D) Kolkotha
66. Defense Institute of Psychological Research is situated in
   (A) Aizwal        (B) Imphal        (C) New Delhi        (D) Shillong

67. Mental frameworks centering on a specific theme that help us to organize social information
   (A) Schemas       (B) Heuristics    (C) Affect        (D) Concepts

68. The process through which one seek to identify the causes of others behavior and so gain knowledge of their stable traits and dispositions
   (A) Impression management  (B) Attribution
   (C) Non verbal perception   (D) None of the above

69. Social comparison theory associated with
   (A) Festinger       (B) Freud        (C) Wood          (D) Goethals

70. The condition that comes to stand for or signal a prior unconditioned stimulus
   (A) Social learning  (B) Unconditioned stimulus
   (C) Conditioned stimulus   (D) Conditioned response

71. Publicly advocating some attitude or behavior and then acting in a way that is inconsistent with these attitudes or behavior.
   (A) Democracy       (B) Hypocrisy
   (C) Cognitive dissonance   (D) Ego depletion

72. A personality disposition characterized by unreasonable high self esteem, a need for admiration, sensitivity to criticism, a lack of empathy and exploitative behavior is
   (A) Obsessive compulsive personality
   (B) Schizoid personality
   (C) Narcissism
   (D) Anancastic personality

73. The suggestion that frustration is a very powerful determinant of aggression
   (A) General aggression model  (B) Aggression model
   (C) Frustration Aggression hypothesis   (D) None of the above

74. Procedures in which aversive consequences are delivered to individuals when they engage in specific actions
   (A) Negative reinforcement   (B) Punishment
   (C) Reward           (D) All of the above
75. Our current feelings moods and are called
   (A) Effect                 (B) Affect
   (C) Reflect                (D) None of the above

76. When we represent the frequency distribution of a continuous variable in terms of bars it takes the form of ___________.
   (A) Bar diagram            (B) Histogram
   (C) Proportional bar diagram (D) All the above

77. Population: Sample:: ______ : Statistic
   (A) Scale                   (B) Variable
   (C) Parameter               (D) Dimension

78. In psychological measurement __________ scales are mostly used.
   (A) Nominal                 (B) Ordinal
   (C) Interval                (D) Ratio

79. What is not true about product moment correlation?
   (A) Indicates linear relationships
   (B) Portrays magnitude of relationships
   (C) Indicates direction of relationship
   (D) Exhibit cause and effect relationship

80. Out of the following in which case all the assumptions of parametric statistics are not fulfilled?
   (A) Z test                  (B) T test
   (C) Simple regression       (D) None of the above

81. Variance is ___________.
   (A) Square of SD           (B) Square root of SD
   (C) Equal to SD            (D) Always greater than SD

82. Which of the following is the simplest measure of central tendency?
   (A) Mean                   (B) Median
   (C) Mode                   (D) Percentile mean

83. In a group if most of the members secure 50% marks of a test, then the distribution of the scores will be
   (A) Leptokurtic            (B) Platykurtic
   (C) Mesokurtic            (D) Cannot say
84. Which of the following is a non parametric statistic?
   (A) Product moment correlation  (B) Partial correlation
   (C) Spearman rank order correlation  (D) Multiple correlation

85. Ogive will not be helpful in finding the ____________.
   (A) Mean  (B) Median
   (C) Percentile  (D) Percentile rank

86. While preparing graph the ratio of X axis to Y axis should be
   (A) 3:4  (B) 4:3  (C) 2:3  (D) 3:2

87. For a psychological scale or test what is always true
   (A) Reliability < Validity
   (B) Validity < Reliability
   (C) Reliability = Validity
   (D) Sometimes reliability greater, sometimes validity greater

88. Cronbach alpha is a method of establishing ____________.
   (A) Validity of the test
   (B) Reliability of the test
   (C) Difficulty index of the item
   (D) Discrimination index of the item

89. Which of the following is a suitable example of continuous variable?
   (A) No of family members  (B) Age
   (C) Religion  (D) All the above

90. The critical value for any statistical analysis is the value that ____________.
   (A) We get by calculating from the data
   (B) We refer from the table for comparison
   (C) A value calculated from the similar analysis
   (D) None of the above

91. Salary works as a ____________ motive for the employee.
   (A) Primary  (B) Secondary
   (C) General  (D) All the above
92. Udai pareek is well known in the area of ————.
   (A) Clinical psychology       (B) Organizational psychology
   (C) Child psychology         (D) Educational psychology

93. Johari window is relevant for understanding
   (A) Communication            (B) Motivation
   (C) Power                    (D) Stress

94. Job enrichment is a type of ————.
   (A) organization structure   (B) job design
   (C) job selection            (D) none of the above

95. Hawthorne study was conducted ————.
   (A) Chicago                  (B) Philadelphia
   (C) Bangalore                (D) New York

96. Theory X and theory Y was propounded by
   (A) Herzberg                 (B) McGregor
   (C) McClelland               (D) McKermick

97. The need to be associated with others is ————.
   (A) need for affiliation     (B) need for power
   (C) need for achievement     (D) need for abasement

98. Maslow's theory of work motive is a type of ————.
   (A) Content theory           (B) Process theory
   (C) Exchange theory          (D) Contingency theory

99. The originator of the concept emotional intelligence is
   (A) Salovey and Meyer        (B) Golman
   (C) JBP Sinha                (D) Gardiner

100. In SWOT analysis O stands for ————.
    (A) Openness                (B) Originality
    (C) Opportunity             (D) Organisation