

B-4

ENTRANCE EXAMINATION, FEBRUARY – 2013
QUESTION PAPER BOOKLET

I.M.Sc. Health Psychology

Marks: 100

Time: 2 hrs.

Hall Ticket No:

Instructions

Read the following instructions carefully:

1. Write your Hall Ticket Number in the OMR answer sheet given to you. Also write the Hall Ticket Number in the space provided above.
2. There is negative marking of -0.33 marks for every wrong answer.
3. Answers are to be marked on the OMR sheet following the instructions provided there upon.
4. Hand over the OMR answer sheet at the end of the examination to the Invigilator.
5. No additional sheets will be provided. Rough work can be done in the question paper itself /space provided at the end of the booklet.
6. This question paper has two sections Section A and Section B.
 - Section – A consists of 75 objective type questions.
 - Section – B consists of 25 objective type questions.

This book contains 18 pages excluding this page

37. Praveen is a sensitive boy. He tries to do his best in his academics. But he has the problem of stammering. Because of this he avoids answering questions in the class room. But his English teacher wants him to get rid of such fear. So he makes it a point to ask him questions in the class. Praveen struggles and answers. However, he feels very embarrassed and wishes that his teacher does not insist on his participation in the class. He hates to see some of his classmates nudging or giggling while he stammers. However, Praveen keeps such feelings to himself and does not complain. Praveen

- A. Represses his feelings
- B. Suppresses his feelings
- C. Feels depressed
- D. Feels oppressed

38. Which of the following is included in the area of research of a Psychologist?

- A. Studying the hand writings of criminals and understanding their thoughts
- B. Studying the physiological changes in the person when s/he is under stress
- C. Studying the Magnetic Resonance Images of patients having neurological problems
- D. Studying the biochemical reactions of a new medicine for mental illness

39. Reema wants to combine her interests in singing and Psychology. She is interested in understanding what characteristics of a singer such as Lata Mangeshkar or Kishore Kumar might account for their particular style of singing. Which of the following areas of Psychology should Reema focus on?

- A. Comparative
- B. Personality
- C. Clinical
- D. Industrial

40. In its resting state, the inside of a neuron carries a _____ charge with respect to the outside

- A. Depolarized
- B. Inactive
- C. Negative
- D. Positive

41. Sagar was a senior executive in a company. Being old, he was advised to take less responsibility and more rest. One day, after returning from office, he suffered a stroke. After that he had a slurred speech. He had probably suffered damage to his

- A. Left cerebral cortex
- B. Left parietal lobe
- C. Right cerebral cortex
- D. Vocal chords

42. Which of the following help in myelination of neurons
- A. Oligodendrocytes
 - B. Schwann cells
 - C. Axonocytes
 - D. Cerebrocytes
43. Precognition refers to
- A. Knowledge of hidden object
 - B. Emotional disturbances
 - C. Ability to foretell the future
 - D. A kind of abnormal experience
44. Which of the following is not helpful in understanding the brain?
- A. ECG
 - B. EEG
 - C. CT Scan
 - D. MRI
45. Which of the following statements is not correct?
- A. Brain discharges electric activity potentials all the time
 - B. Aptitude is innate
 - C. Rewards do not work with children with low intelligence
 - D. Attention cannot be enhanced by medication
46. Which of the following is not an organ of immune system
- A. Skin
 - B. Thymus
 - C. Bone marrow
 - D. Kidney
47. The following conditions have come to your attention for counselling and guidance. Which of them indicate a need for counseling?
- A. A mother complaining that her eight month old baby bites any objects given to the hand
 - B. A teacher reporting that a child in her class was crying on day one in the school
 - C. A person reporting that he is scared of facing an entrance examination
 - D. A father complaining that his eight years old child does not pay attention for more than half an hour at a go.
48. Which of the following is not the name of a pioneer Psychologist?
- A. Freud
 - B. Skinner
 - C. Anthony
 - D. Pavlov

49. Children who triumph in the face of adversity are called
- A. Admirer
 - B. Vitality
 - C. Winner
 - D. Resilient
50. Emotional intelligence is
- A. Emotions used to test intelligence of individual across the life span
 - B. Intelligence in hiding emotions when repulsive stimuli are faced
 - C. An accurate index of achievements of great people you hear about
 - D. A tool to predict success in an individual's life
51. A business man dealing with garments wanted to decide which size he should store in the largest quantity. Which statistic is the most helpful?
- A. Mean
 - B. Median
 - C. Mode
 - D. Range
52. A psychological disorder characterized by lack of appetite, loss of weight and self starvation is called
- A. Anorexia nervosa
 - B. Apraxia abasia
 - C. Attitude deficiency
 - D. Nutritional deficiency
53. Abnormality is
- A. Significant deviation from commonly originated patterns of emotion or thought
 - B. Significant deviation from patterns of behaviour or thought followed by societal leaders
 - C. Significant deviation from ancestrally determined patterns of behaviour, emotion or thought
 - D. Significant deviation from commonly accepted patterns of behaviour, emotion or thought
54. Psychological treatments designed to help people cope with physical health problems are categorized under
- A. Clinical Pathology
 - B. Behavioural Medicine
 - C. Pathological Psychology
 - D. Medical Pathology
55. The fear of closed places is called
- A. Closetophobia
 - B. Closure phobia
 - C. Claustrophobia
 - D. Clusterophobia

56. Srujana is a pampered child. She is highly demanding. Her parents dote on her because she is the only child in the family. Srujana gets a lot of love and attention from her parents and relatives. She expects the same from her classmates. Though the classmates like her a lot they do not like her making undue demands on them. They just dislike her boasting to them about the latest brand of things she had bought, places she visited etc. The best way to make her drop such boasting is

- A. To tell her on the face that they do not like such topics
- B. Whenever she talks of such things they too should start boasting
- C. Pay no attention when she boasts and talk well when she talks normally
- D. Pay lot of attention whenever she boasts so that she feels satisfied

57. Radha has been a witness of the terror attack on 26/11. She was at Victoria Terminal along with her parents. She saw the terrorists indiscriminately shooting the people on the platform. Her parents also died in the attack. It is three years since the attack happened. Now, Radha is alone in a hostel. She sits alone most of the time. Sometimes cries a lot, eats very less and does not show any interest in the academics. She was taken to the mental hospital where

- A. The Psychiatrist gives her counseling and the Psychologist gives her therapy
- B. The Psychologist gives medicine and the Psychiatrist gives therapy
- C. The Psychiatrist gives medicines and the Psychologist gives counseling
- D. The Psychiatrist and the Psychologist give her electric shock

58. Ramji is a tall and well built handsome person. He is very intelligent. He is strict about his diet and exercise to take care of his looks and health. He holds a very important administrative post in the Department of transport. He thinks that office time should be strictly for office work and does not take any excuses from his subordinates for not completing the work. At the same time he is very helpful to those who are in problems. Describing Ramji, one of his colleagues said 'His personality is admirable'. What his colleague referred to was Ramji's distinctive

- A. Physical Looks and Intelligence
- B. Intelligence and Strictness
- C. Behaviour and Thought
- D. Behaviour and Strictness

59. Ravi and Lavanya, twins aged 6 years were travelling in a train. Both of them were looking out of the window. Ravi said that the plants alongside the track were traveling in the opposite direction. Lavanya said that the mountains at a distance were traveling with them in the same direction.

- A. Both were correct, but differed in their perception
- B. Lavanya was wrong but Ravi was correct in perception
- C. Both were correct and differed in their thinking
- D. Both were wrong and differed in their sensation

60. A Psychologist took his Subject to the laboratory. The Subject volunteered himself for the experiment. The Psychologist blindfolded the Subject, his ears were plugged, and his whole body was sealed with thermocol package. He was kept in this silent dark laboratory. There was a one way mirror through which the Psychologist could see the Subject. The Subject was instructed to continue being there as long as he could. After four hours the Subject started screaming 'Please release me. I cannot be here anymore. I want to be out'. The Psychologist immediately released the Subject. The Psychologist was studying the impact of

- A. Perceptual Power of the Subject
- B. Intellectual deprivation of the Subject
- C. Sensory deprivation of the Subject
- D. Emotional strength of the Subject

61. Jolly, an abandoned child was adopted by Mr & Mrs Vikram when she was few days old. She was not yet walking or started to utter words. She was found to be passive and silent most of the time. The parents were worried because all the children of her age started talking sentences but Jolly was not even uttering words of their mother tongue. When she was two, the couple consulted the doctor. The doctor said she was a '*mongoloid child*' hence they cannot expect her to talk and behave like other children in their neighbourhood. What the doctor meant was that

- A. Jolly was a native of Mongolia. Hence she cannot talk or behave like other children of her neighbourhood
- B. Jolly was an adopted child. Hence her behaviour and speech will be delayed compared to other children of her age
- C. Jolly was mentally retarded hence she cannot be expected to talk or behave like other children of her age
- D. Jolly was suffering from a disease which affected her vocal cord and ears. Hence she cannot talk or behave like other children of her age

62. Marilyn is a Psychologist. Her area of research is to study the memory of people between the ages of 60 and 80. She compares the memory of men and women, people living in institutions and with families. Her research is in the field of

- A. Comparative Psychology
- B. Comparative Memory
- C. Geriatric Studies
- D. Cross-cultural Studies

63. Ramesh was walking in a moonlit night and looking at a lamp post. As he was approaching the lamp post, the intensity of the brightness of the light was increasing. When the intensity of the brightness of the light increased, the size of the action potentials of the neurons involved

- A. Increased
- B. Decreased
- C. First increased and then decreased
- D. Remained the same

64. Which of the following people are in need of counseling?

- A. Rekha has a misunderstanding with her husband. She had an argument with him. He got angry with her. Later he thought it's ok. She is a person of quick temper and she cools down in no time
- B. Jayaram has gone to join his Engineering course. His first choice of branch is Computer Engineering. There was a seat available in this branch
- C. Raghu is a studious boy. He wants to do a course in Fine arts. But his father wishes that he should join Engineering as the future of Fine Arts is not bright. Raghu does not want to disappoint his father. But he also does not want to sacrifice his dream
- D. John is found to behave very violently with his friends and family. He does not sleep at nights and during the whole night engages himself in cutting vegetables, listening to music and singing loudly. He says he talks to the unknown voices. He suspects his mother of mixing poison in the food

65. Brain disorders are known to have several causes. One of the causes is invasion of parasites from eating raw, unhygienic foods and salads. Which of the following is an example for this?

- A. Cysticercosis
- B. Meningitis
- C. Encephalitis
- D. Heamatoma

66. Eric Kandel got Nobel Prize in the year 2000 for his experiments on learning and memory. The experiments were conducted on

- A. Rhesus
- B. Salamander
- C. Aplysia
- D. Fruit fly

67. Match the parts of the brain with its corresponding functions

Parts of the brain	Functions
a) Frontal lobe	1. Receptive speech
b) Parietal lobe	2. Motor coordination
c) Temporal lobe	3. Motor planning
d) Cerebellum	4. Sensory integration

- A. a-2; b-1; c-3; d-4
- B. a-3; b-4; c-1; d-2
- C. a-3; b-4; c-2; d-1
- D. a-4; b-3; c-2; d-1

68. Horizon moon appears bigger than the Zenith moon. This is due to

- A. Illusion
- B. Illumination
- C. Hallucination
- D. Delusion

69. Which of the following statement about the progress of Artificial Intelligence (AI) is not true?

- A. AI can recognize emotions
- B. AI can perform complex calculations
- C. AI can play complex board games
- D. AI can independently create algorithms specific to situations

70. Which of the following is not a neurotransmitter?

- A. Serotonin
- B. Dopamine
- C. Phenylethylamine
- D. Gamma-Aminobutyric Acid

71. Which of the following is a major health challenge for the 21st Century?

- A. Schizophrenia
- B. Noncommunicable diseases
- C. Polio
- D. HIV/AIDS

72. Which of the combinations of the statements given below is correct?

- i. Attitudes are acquired through an individual's experiences
 - ii. Attitudes are acquired through social influence
 - iii. Attitudes are acquired through cultural influences
 - iv. Attitudes are acquired through genetic influences
- A. i, ii, iii
 - B. ii, iii, iv
 - C. i, iii, iv
 - D. i, ii, iv

73. Which of the following is not true?

- A. Psychologists can infer much about what a person is trying to communicate by observing nonverbal behaviour
- B. Psychologists can infer much about what a person is trying to communicate by observing the variations in verbal behaviour
- C. Psychologists can infer much about what a person is trying to communicate by understanding the verbal and non verbal behaviour
- D. Psychologists can infer much about what a person is trying to communicate by the form and content of verbal behaviour

74. What is conduction deafness?

- A. Hearing loss due to failure of the auditory nerve
- B. Hearing loss due to problems with the bones of the middle ear
- C. Hearing loss due to failure of the visual nerve
- D. Hearing loss due to problems with the bones of the outer ear

75. Roshan is in his class X and is unable to understand and hence decide which career path he is best suited to. His parents recommend some courses; his friends decide upon some and media talks about some more. Every time he felt that the course which is being talked about is the best choice for him. His school recommended him to a Psychologist. What should the Psychologist do?

- A. Listen to him carefully and patiently and decide which of the courses mentioned by him are best for him
- B. Recommend him for psychological treatment owing to his pathological indecisiveness
- C. Use hypnosis and clear out his confusion so that he can take a decision under hypnotic trance
- D. Use aptitude tests along with other relevant measures to assess his skill in suitable fields

Section B

76. Identify the correct spelling

- A. Angxity
- B. Anxiety
- C. Anxyty
- D. Anxeity

77. What is the meaning of 'Umpteen'

- A. Clear
- B. Many
- C. Reimburse
- D. Verify

78. Identify the correct spelling

- A. Pharmaceutical
- B. Pharmacitical
- C. Pharmaseutical
- D. Pharmacuetical

79. A Psychologist conducted an examination of the patient before planning for therapy. Which of the following terms described this process accurately

- A. Evaluation
- B. Preparation
- C. Review
- D. Assessment

80. Sunayana was planning a trip to Ooty along with her childhood friends. She was talking about it to her class mate. Sunayana told her with all excitement "All arrangements are made and we are going to stay in the best resort. The eight of us in the cottage; we are not going to sleep; we are going to have a wonderful experience like - It would be such a thing to touch the clouds that pass by....." she went on and on. Her classmate said "Oh! What a fantasy!". What did Sunayana's friend mean?

- A. Sunayana made fantastic arrangements
- B. Sunayana was a fan of her childhood friend
- C. Sunayana was imagining a lot
- D. Sunayana would relive her childhood with friends

81. Siraj said 'I was invited for a party by my seniors. When I entered the venue, I saw no one. Something was fishy'. What Siraj meant was that

- A. Though no one had arrived at the venue, he could get the smell of fish curry from the kitchen
- B. Siraj found no one at the venue, but the venue was decorated with a beautiful aquarium
- C. Since no one was there at the venue, Siraj thought there was something wrong
- D. Though no one was present at the venue, Siraj was sure that one of his seniors was near the fish pond

82. The teacher said "Those who are keen to have a successful career must know that it is necessary to have a contingent plan too". What the teacher meant was that those keen on successful career must have

- A. An alternative career plan
- B. An intelligent career plan
- C. A concrete career plan
- D. A very high goal for career

83. 'The University teacher has the autonomy to structure the course'. Which of the following translates the above statement?

- A. The University teacher has the responsibility to structure the course
- B. The University teacher has the freedom to structure the course
- C. The University teacher has the compulsion to structure the course
- D. The University teacher is ordered to structure the course

84. Autophobia refers to

- A. Fear of being alone
- B. Fear of Autorickshaw
- C. Fear of automatic toys
- D. Fear of failure

85. Practice of doing good to one's fellow men is called

- A. Noble
- B. Philandery
- C. Philanthropy
- D. Petrology

86. Identify the correct spelling

- A. Embarrassment
- B. Embarrassement
- C. Embarrasment
- D. Emberrassment

87. _____ of the rainbow were _____ against the bright blue sky
- A. Textures, Stormed
 - B. Hues, Vivid
 - C. Lines, Darkened
 - D. Hues, Fortuitous
88. I would have lent you my notes if you _____ me
- A. Would ask
 - B. Could have asked
 - C. Could ask
 - D. Had asked
89. The word which forms a part of binge eating is
- A. Devour
 - B. Energy
 - C. Vigour
 - D. Rampant
90. Out of the following four words, which is not the correct antonym of 'Emolument'
- A. Penalty
 - B. Monument
 - C. Punishment
 - D. Retribution
91. Identify the correct spelling
- A. Fortuituos
 - B. Fortutois
 - C. Fortiutous
 - D. Fortuitous
92. Which of the following sentences is not correct?
- A. Cricket is a game of chance
 - B. Mr. Alexander has purchased new furnitures from Metro-Mall
 - C. Both the girls helped each other
 - D. Vijaya is very sorry about her misconduct
93. What is the antonym of 'Adherence'
- A. Obedience
 - B. Devotion
 - C. Flout
 - D. Loyalty

94. What is the antonym of 'Discretionary'
- A. Optional
 - B. Flexible
 - C. Open
 - D. Mandatory
95. Rafi returned to India after 25 years of stay in Europe. He visited his village and the school where he studied. He found that the village has not changed much. He found the streets dirty, people unkempt. He visited his school and sat in his old class room. He felt a sense of *nostalgia*. What did Rafi feel as described in italics?
- A. Vomiting sensation because of the unhygienic conditions
 - B. A sense of pleasure remembering the past experience in school
 - C. A sense of shame as to how he studied in such impoverished environment
 - D. A sense of pride that from such a small village school he raised to the present position
96. Which of the following gives the meaning of '*Prophylactic*'
- A. Preventive measure
 - B. Power of prophecy
 - C. Provocative act
 - D. Deprivation period
97. Identify the correct version of the following sentence: 'Indiscriminate eating, drinking, and to stay up late at night are among youth pleasures contributing to sleep disorders'
- A. Indiscriminate eating, drinking, and to stay up late at night are among youth pleasures contribute to sleep disorders
 - B. Indiscriminate eating, drinking, and to stay up late at night is among youth pleasures contributing to sleep disorders
 - C. Indiscriminate eat, drink, and to remain up late at night are among youth pleasures contributed to sleep disorders
 - D. Indiscriminate eating, drinking, and staying up late at night are among youth pleasures contributing to sleep disorders
98. Find the most suitable term that describes the underlined phrase in the following sentence: 'The counselee relieved all her suppressed emotions during the therapy'
- A. Subjugation
 - B. Catharsis
 - C. Congruence
 - D. Repression
99. 'We become experienced as a result of watching, listening to, or reading about others'. Which of the following words means the same
- A. Vicarious
 - B. Experiential
 - C. Introspection
 - D. Malfeasance

100. In which of the following, the expression does not match the idiom.

- A. Don't give up the day job: 'I know you paint. But do not give up your day job to pursue this hobby'
- B. Scrape the bottom of the barrel: 'He failed in the test. In order to pass the supplementary examination he has to scrape the bottom of the barrel'
- C. The best thing since sliced bread: 'I love this software to record sleep disturbances accurately. It's the best thing since sliced bread'
- D. Wake up and smell the coffee: 'I know you are stressed out, but this mindset won't work. Wake up and smell the coffee'