

ENTRANCE EXAMINATION – 2021 – 22

030009

SET – A

SSF JAMIA MILLIA ISLAMIA
New Delhi

Roll No.

21503009

[Signature]
Signature of Invigilator

Time: 1 Hour 30 Minutes

Total Marks: 100

Instructions to Candidates

- Do not write your name or put any other mark of identification anywhere in the OMR Response Sheet. IF ANY MARK OF IDENTIFICATIONS IS DISCOVERED ANYWHERE IN OMR RESPONSE SHEET, the OMR sheet will be cancelled, and will not be evaluated.
- This Question Booklet contains the cover page and a total of 100 Multiple Choice Questions of 1 mark each.
- Space for rough work has been provided at the beginning and end. Available space on each page may also be used for rough work.
- There is negative marking in Multiple Choice Questions. For each wrong answer, 0.25 marks will be deducted.
- USE/POSSESSION OF ELECTRONIC GADGETS LIKE MOBILE PHONE, iPhone, iPad, pager ETC. is strictly PROHIBITED.
- Candidate should check the serial order of questions at the beginning of the test. If any question is found missing in the serial order, it should be immediately brought to the notice of the Invigilator. No pages should be torn out from this question booklet.
- Answers must be marked in the OMR Response sheet which is provided separately. OMR Response sheet must be handed over to the invigilator before you leave the seat.
- The OMR Response sheet should not be folded or wrinkled. The folded or wrinkled OMR/Response Sheet will not be evaluated.
- Write your Roll Number in the appropriate space (above) and on the OMR Response Sheet. Any other details, if asked for, should be written only in the space provided.
- There are four options to each question marked A, B, C and D. Select one of the most appropriate options and fill up the corresponding oval/circle in the OMR Response Sheet provided to you. The correct procedure for filling up the OMR Response Sheet is mentioned below.

CORRECT METHOD

(A) (B) (C) (D)

WRONG METHODS

(A) (B) (C) (D) (A) (B) (C) (D) (A) (B) (C) (D) (A) (B) (C) (D) (A) (B) (C) (D) (A) (B) (C) (D)

1. The process by which inhibitory and excitatory postsynaptic potentials summate and control the rate of firing of a neuron.

- A. Enzymatic deactivation
- B. Neural integration.
- C. Auto receptors.
- D. None of the above.

2. A receptor molecule located on a neuron that responds to the neurotransmitter released by that neuron.

- A. Auto receptors.
- B. Neurons.
- C. Post synaptic membrane.
- D. None of the above.

3. Division of a foundation cell that give rise to two identical founder cell is known as:

- A. Synapse
- B. Glia Cell
- C. Symmetric division
- D. Founder cell

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4. Death of a cell caused by a chemical signal that activates a genetic mechanism inside the cell.

- A. Asymmetrical division.
- B. Choroid Plexus.
- C. Neural Tube.
- D. Apoptosis.

5. _____ controls the autonomic nervous system and the endocrine system and organizes behaviour related to survival of the species.

- A. Neuroreceptor cells
- B. Basal ganglia
- C. Hypothalamus
- D. Fornix

6. _____ have both organizational and activational effects on aggression in males and females.

- A. Androgen
- B. Cortex
- C. Serotonin
- D. None of the above

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7. Which of the following endocrine glands releases sugar stored in the liver to maintain the proper balance of sugar in the blood?

- A. Pituitary
- B. Adrenal
- C. Pancreas
- D. Thyroid

8. The osmoreceptors located in the hypothalamus just above the _____ stimulate the release the antidiuretic hormone (ADH).

- A. Pituitary Gland
- B. Adrenal Gland
- C. Thyroid Gland
- D. Pinal Gland

9. Protrusion on the top of the mid brain, part of the visual system.
- A. Inferior colliculi B. Substantia niagra
C. Brainstem D. Superior colliculi
10. _____ consists of the portion of the mesencephalon beneath the tectum.
- A. Hind brain B. Cerebellum
C. Metencephalon D. Tegmentum
11. Who was deeply interested in Personality and identified several kinds of trait.
- A. Freud B. Maslow
C. Cattle D. Allport
12. During which of the following psychosexual stages the male child develops the Oedipus complex.
- A. Anal Stage B. Latency Stage
C. Genital Stage D. Phallic Stage
13. According to Jung, the part of the mind containing universal human memories is called the _____ unconscious.
- A. Personal B. Cognitive
C. Collective D. Animistic

14. Which of Freud's parts of the personality is most like a director?

- A. Id
- B. Ego
- C. Superego
- D. Unconscience

15. According to behaviourists, personality is

- A. driven by unconscious forces.
- ~~B.~~ A set of learned responses.
- C. Motivated by a striving for success
- D. Collection of Specific traits.

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16. Rogers believed that in order for people to become fully functioning, they must receive _____ from the important people in their lives

- A. Unconditional positive regard
- B. Conditional positive regards
- C. Positive reinforcement
- D. Positive modelling.

17. In the Big Five theory of personality 'A ' stands for

- ~~A.~~ Agreeableness
- B. Anxiousness
- C. Anxiety
- D. Affectionate

28. Which type of light do rods respond to.

- A. Low intensity light such as at night
- B. Bright light.
- C. Sun light.
- D. None of the above.

29. Which of the following structures perform transduction.

- | | |
|-------------------|------------|
| A. Vitreous humor | B. lens |
| C. Retina | D. Corneas |

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30. Rods and cones are which type of cell?

- | | |
|-------------------|-----------------------|
| A. Cell mutation. | B. Photoreceptor cell |
| C. Ganglion cell | D. none of the above |

31. Form of feedback using brain- scanning devices to provide feedback about brain activity in an effort to modify behaviour.

- | | |
|-----------------------|----------------------|
| A. Biofeedback | B. Neuro-feed back |
| C. Cognitive learning | D. None of the above |

32. Cognition refers to

- A. Behavior that is observable and external.
- B. Behaviour that is directly measurable.
- C. The mental events that take place while a person is behaving.
- D. Memories.

33. Seligman found many similarities between his 'helpless' dogs and people suffering from

- A. Aggressive behaviour syndrome.
- B. Mental illness.
- C. Schizophrenia.
- D. Depression.

34. Who added the concept of reinforcement to learning theory

- A. Watson
- B. Skinner
- C. Thorndike
- D. Pavlov

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35. The physical trace of memory in the brain is called the

- A. Memogram
- B. Engram
- C. Sonogram
- D. Pachygram

36. The best method for encoding long-term-memories is probably to use is _____
- A. Maintenance rehearsal B. Elaborative rehearsal
- C. Sleep learning D. None of the above

37. Memory can best be described as
- A. A series of storage bins.
- B. A process of storage
- C. An active system that encodes, stores and retrieves information
- D. a series of passive data files.

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38. What is the basic unit of sound in a language?
- A. Morphemes B. Phonemes
- C. Semantics D. Syntax

39. In Gardner view, astronauts, navigators and artist would be high in _____ intelligence.

- A. Verbal/ linguistic B. Visual/spatial
- C. Interpersonal D. Intrapersonal

40. Sternberg has found that _____ intelligence is a good predictor of success in life but has a low relationship to _____ intelligence.
- A. Practical; academic B. Practical; creativity
C. Academic; creativity D. None of the above
41. Deepak is 34 years old, but his mind has never gone beyond the level of a second grade child. Deepak would be classified as _____ developmentally delayed
- A. Mildly B. Severely
C. Profoundly D. Moderately
42. Rekha is 4 years old. The intelligence test that would most likely be used to determine her IQ is the
- A. WAIS-IV B. WISC-IV
C. Dove test D. WPPSI-III
43. Which of the following disorder is a type of cultural sexual fear?
- A. taijin- kyafu- sho B. Amok
C. Susto D. Koro

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44. Which term does not belong?
- A. Bipolar B. Hypochondria
C. Dysthymia D. Major depression

45. Which mood disorder is a consistently sad mood?

- A. Bipolar
- B. Cyclothymia
- C. Mania
- D. Major depression

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46. When anxiety is unrelated to any known, realistic factor it is called.

- A. Free-floating anxiety
- B. Panic
- C. Phobia
- D. Acute

47. In _____, a psychoanalyst encouraged the patient to talk about whatever came to mind.

- A. Free association.
- B. Dream Interpretations.
- C. Resistance.
- D. Transference.

48. Compared to traditional psychoanalysis, modern psychodynamic therapy is

- A. More directive
- B. Less directive
- C. More action oriented
- D. More focused on the id

49. Psychotherapies that attempt to change disorder behaviour directly are known as....

- A. Insight.
- B. Action.
- C. Biomedical.
- D. Psychoanalytic.

50. Which of the following types of therapy makes the greatest use of body language?

- A. Psychoanalysis.
- B. Person-centred Therapy.
- C. Gestalt Therapy.
- D. Rogerian Therapy.

51. _____ occurs when people do what they are asked to do whether or not they want to do it.

- A. Normative Influence.
- B. Compliance
- C. Obedience
- D. None of the above.

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52. _____ is the tendency to change one's beliefs or behaviours in ways that are consistent with group standard.

- A. Commitment
- B. Compliance
- C. Conformity
- D. None of the above

53. _____ is the subjective discomfort we feel when our social relations are deficient in quantity and quality.

- A. Social rejection
- B. Loneliness
- C. Social integration
- D. Jealousy

54. _____ is the sharing of personal feelings and information with another individual.

- A. Self disclosure
- B. Exchange relationship.
- C. Social Power
- D. None of the above

55. _____ refers to the positive forces that cause members to want to stay in group and also to the negative forces that discourage members from leaving a group

- A. Cohesiveness
- B. Social dilemma
- C. Social compensation
- D. None of the above

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56. Social Support is an example of _____ in the stress process.

- A. Demand
- B. Resources
- C. Challenge
- D. Anxiety

57. _____ is helping someone with no expectation of reward or personal benefit.

- A. Altruism
- B. Sympathy
- C. Empathy
- D. None of the above

58. _____ is defined as action that is intended to hurt another person. It has both biological and social origins.

- | | |
|------------------|----------------------|
| A. Frustration | B. Aggression |
| C. Disinhibition | D. None of the above |

59. Which is NOT the Maslow's hierarchy of needs

- | | |
|-----------|------------------|
| A. Ego | B. Physiological |
| C. Safety | D. Esteem |

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60. The collection of the beliefs that we hold about ourselves is known as _____

- | | |
|--------------------|-------------------|
| A. Self Esteem | B. Self Concept |
| C. Self regulation | D. self promotion |

61. Cumulative frequency graph is called _____

- | | |
|--------------|----------------------|
| A. Histogram | B. Bar diagram |
| C. Ogive | D. None of the above |

62. What is range?

- | | |
|---------------------------|--------------------------------|
| A. Measure of variability | B. Measure of central tendency |
| C. Measure of progression | D. Measure of mode |

63. What is Spearman's Rho

- A. Measure of correlation
- B. Measure of dispersion
- C. Measure of normal probability
- D. None of the above

64. The value in a series of observation which occurs with highest frequency is called

- A. Median.
- B. Mode.
- C. Mean.
- D. None of the above.

65. Which scale has a true zero point and constitutes the highest type of scale in terms of meaning.

- A. Nominal scale
- B. Ordinal scale
- C. Interval scale
- D. Ratio scale

66. When the group is made up of individuals of nearly the same ability it is called

- A. Homogeneous
- B. Heterogeneous
- C. Complex
- D. None of the above

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67. Variables are:

- A. Something that we can measure
- B. The main focus of research.
- C. Something that can vary in terms of Precision.
- D. All of the above

68. What is type I error _____

- ✗ A. Type one error is obtaining a non significant result when it should be significant.
- B. type one error is obtaining a non- significant result by sampling error alone.
- C. type one error is where we reject the null hypothesis when it is true.
- D. None of the above

69. _____ set up an experiment known as Stanford Prison Experiment

- ✗ A. Stanley Milligram B. Philip Zimbardo
- C. Muzafer Sherif D. Soloman Asch

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70. The _____ is also called as small brain

- A. Cerebrum B. Hypothalamus
- C. Limbic system D. None of the above

71. Which of the following glands secretes serotonin and melatonin hormones

- A. Thyroid B. Thymus
- C. Pineal D. Pancreas

72. The information is passed from one neuron to another neurons by chemical known as

- A. Cell membrane
- B. Neurotransmitters
- C. Nerve impulses
- D. None of the above

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73. Which is the lowest part of the brain stem?

- A. Medulla oblongata
- B. Pons
- C. Cerebellum
- D. None of the above

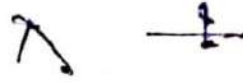
74. Psychological tests are connected with assessment of

- A. Personality only
- B. Perception only
- C. All aspects of psychological functioning
- D. Sociability

75. Content validity requires

- A. Item validity
- B. Sampling validity
- C. Both item and sampling validity
- D. None of the above

76. If a curve can be folded along a vertical line so that the two halves of it coincide, it is called _____



- A. Proper curve
B. Symmetrical curve
C. skew curve
D. None of the above.

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77. The coefficient of correlation between the two sets of test scores is a

- A. Validity coefficient
B. Real Coefficient
C. Reliability coefficient
D. None of the above

78. _____ is the difference between the extreme values of the variate.

- A. Dispersion
B. Quartile deviation
C. Range
D. None of the above

79. If the same relative score levels are preserved on the two measurements, the test is

- A. Valid
B. Reliable
C. Correct
D. None of the above

80. Douglas Mc Gregor is associated with which of these

- A. Two Factor theory
B. Theory X And Y
C. Goal Setting theory
D. ERG theory

81. IRS series satellites are used for which of the following?

- A. Communication
- B. Astronomy
- C. Remote Sensing
- D. Forestry

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82. Sundarbans in India is a fine example of which among the following kind of forests?

- A. Dry Forests.
- B. Deciduous Forests.
- C. Tidal Forests
- D. Wet Deciduous Forests.

83. The birth anniversary of which National leader is being observed as Rashtriya Ekta Diwas?

- A. Sardar Vallabhbhai Patel
- B. Jawaharlal Nehru
- C. Mahatma Gandhi
- D. VD Savarkar

84. When is the International Day of Rural Women observed every year?

- A. October 10
- B. October 15
- C. October 20
- D. October 25

85. For how much time a person who is not a member of either House of Parliament can also be appointed as a minister?

- A. 2 months
- B. 3 months
- C. 6 months
- D. 9 months

86. Which article protects a person's right to travel abroad under Indian Constitution?

- A. Article 15
- B. Article 21
- C. Article 19
- D. None of the above

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87. Who among the following is the ex-officio Chairman of the Council of States?

- A. Governor
- B. Chief Minister
- C. President
- D. Vice-President

88. Which country won the inaugural ICC World Test Championship (WTC)?

- A. India
- B. New Zealand
- C. Australia
- D. England

89. India's National Sports Awards includes how many sports awards presented by the President of India?

- A. 2
- B. 3
- C. 6
- D. 9

90. In which of the following the sound cannot travel?

- A. Gas
- B. Liquid
- C. Solid
- D. Vacuum

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91. Optical Fibre technology works on which of these principles of Physics?

- A. Bernoulli's Principle
- B. Newton's law of Motion
- C. Total internal reflection of Light
- D. Photoelectric effect

92. Louise Gluck, who has won the 2020 Nobel Prize for Literature, belongs to which country?

- A. Russia
- B. United States
- C. Australia
- D. Germany

93. The foundation stone of Jamia Millia Islamia was laid on

- A. 29 October 1918
- B. 29 October 1920
- C. 29 October 1947
- D. 29 October 1987

94. The Nalanda University was founded by which Gupta ruler mentioned as Shakraditya?

- A. Samudragupta
- B. Kumargupta I
- C. Skandgupta
- D. Chandragupta I

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95. Where is the headquarters of the Inter Parliamentary Union (IPU) located?

- A. Geneva
- B. Rome
- C. Paris
- D. Nairobi

96. National public broadcaster, Prasar Bharati, is a _____ body?

- A. Regulatory
- B. Statutory
- C. Quasi-Judicial
- D. Constitutional

97. Guillain-Barre Syndrome is reported to be associated with which vaccine?

- A. AstraZeneca-Oxford Vaccine B. Covaxin
C. Sputnik D. Sinovac

98. K417N mutation is associated with which classification of SARS-CoV-2 virus?

- A. Alpha B. Beta
C. Delta D. Delta Plus

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99. Who was the first Vice Chancellor of Jamia Millia Islamia.

- A. Dr. Zakir Hussain B. Hakim Ajmal Khan
C. Mohamed Ali Jauhar D. Maulana Mehmud Hasan

100. World mental health day is celebrated on

- A. October 10 B. March 10
C. October 15 D. None of the above