

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA

Ph. D. ENTRANCE TEST (PET) – 27<sup>th</sup> January 2019

Signature of Invigilators

Roll. No.

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(in figures as in Hall Ticket)

Psychology  
(19/15)

Roll No. \_\_\_\_\_

(in words)

Maximum Marks: 50

No. Of Printed Pages : 8

**Instruction for the Candidate:**

1. Write your Roll Number in the space provided on the top of this page.
2. This paper consists of **FIFTY (50)** multiple choice type questions. Each Question carries **ONE (1)** mark.
3. At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are requested to open the booklet and compulsorily examine it as below:
  - a. To have access to the Question Booklet, tear off the paper seal on the edge of this cover page, Do not accept a booklet without sticker seal and do not accept an open booklet.
  - b. Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faculty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.
  - c. After this verification is over, the Test Booklet Number should be entered on the OMR Answer Sheet and the OMR Answer Sheet Number should be entered on this Test Booklet.
4. Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.

**Example:** (A) ● (C) (D) where (B) is correct response.
5. Your responses to the items are to be indicated on the OMR Answer Sheet under Paper – II only. If you mark your response at any place other than in the circle in the OMR Answer Sheet, it will not be evaluated.
6. Read instructions given inside carefully.
7. Rough Work is to be done in the end of this booklet.
8. If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Answer Sheet, except for the space allotted for the relevant entries, which may disclose your identity, or use abusive language or employ any other unfair means, such as change of response by scratching or using white fluid, you will render yourself liable to disqualification.
9. You have to return the original OMR Answer Sheet to the invigilator at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. You are however, allowed to carry original question booklet and duplicate copy of OMR Answer Sheet on conclusion of examination
10. Use only Blue/ Black Ball point pen.
11. Use of any calculator or log table etc., is prohibited.
12. There shall be no negative marking.



## Psychology (19/15)

**Note:** This paper contains **FIFTY (50)** multiple-choice questions. Each Question carries **ONE (1)** mark.

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- 01) You could assess the reliability of a person's intelligence test score by:
- A) correlating the score with elementary-school grades, then correlating the test score with high-school grades and comparing the two correlations.
  - B) correlating the verbal scale score with the performance scale score.
  - C) correlating scores from two separate administrations.
  - D) b and c both are correct.
- 02) Very often Psychologists refer to the abilities tested by intelligence and scholastic aptitude tests as:
- A) Creativity
  - B) Conative abilities
  - C) Cognitive abilities
  - D) Reasoning capacity
- 03) In an intelligence test, a 10-year old girl scored the I.Q. of 120. What is her mental age (MA)?
- A) 13
  - B) 15
  - C) 12
  - D) 10
- 04) One of the most important contributions of the behaviourist approach to personality has been:
- A) an overemphasis of situational variables.
  - B) recognition of the importance of environmental variables.
  - C) down playing the role of cognitive variables.
  - D) detailing the role of unconscious motives.
- 05) According to Freud, the process through which individuals release their excessive aggressive energy is called:
- A) a. Dream Work
  - B) Psycho-Analysis
  - C) Catharsis
  - D) Slips of tongue
- 06) Bandura noted that most behaviour occurs in the absence of external rewards and punishment. So, the most behaviour stems from:
- A) negative reinforcement
  - B) self-regulation
  - C) reciprocal dualism
  - D) behavioural determinism.
- 07) Emotionally intelligent person can:
- A) Accurately perceive emotions
  - B) Thinks without emotions
  - C) Disregards emotional leaning
  - D) All of above
- 08) The concept of "Intelligence Quotient" was devised by a German psychologist:
- A) Spencer
  - B) Stern
  - C) Thurstone
  - D) E. G. Boring
- 09) Fluid and crystallized intelligence are the major theoretical components of intellectual activity proposed by:
- A) R. B. Cattell
  - B) E. G. Boring
  - C) J. S. Bruner
  - D) Cyril Burt
- 10) Personal, bodily-kinaesthetic, and musical are intelligences of concern to:
- A) Sternberg
  - B) Gardner
  - C) information-processing theorists
  - D) Binet
- 11) Developmental psychologists believe that two factors that influence human development are:
- A) Motivation and emotion
  - B) Self and others
  - C) Genetic makes up and experience
  - D) Rewards and punishments

- 12) Which of the following is a characteristic of Chomsky's theory?
- Development of language is between three and five years of age
  - Language development is dependent on the reinforcements received by the child
  - Children acquire mistakes in language by observing their parents and others around them
  - Children have an innate mental grammar
- 13) The motive of the concept of curricular flexibility is to benefit:
- Disabled students
  - Minority students
  - Reserved castes
  - All of these
- 14) With regard to counselling, the best statement is:
- It is done by the trained counsellors
  - It is about giving the best possible advice.
  - It involves empathy and compassion.
  - It is a technique to help people help themselves by increasing self-understanding.
- 15) "Delusion" refer to:
- Thoughts or beliefs that have no basis in reality
  - Feelings that have no basis in reality
  - Behaviours that have no basis in reality
  - None of these
- 16) Dementia is a condition that is characterized by:
- General paresis
  - Physical ailments
  - A general intellectual decline
  - The loss of contact with reality
- 17) The first medical practitioner to specialize in mental illness was:
- Johan Weyer
  - William Tuke
  - Benjamin Rush
  - Sigmund Freud
- 18) Intellectual functioning is mainly in the domain of which lobe of the cortex.
- Occipital lobe
  - Frontal lobe
  - Parietal lobe
  - Temporal lobe
- 19) The nerve conduction is of the nature of...
- Electrochemical waves
  - Magnetic waves
  - Chemical waves
  - Electromagnetic waves
- 20) Occipital lobe is responsible for...
- Audition
  - Vision
  - Forgetting
  - Homeostasis
- 21) Which of the following best supports the all-or none principle of neural impulses?
- A neuron will fire a complete action potential once the threshold is reached.
  - During the absolute refractory period, a neuron cannot fire again.
  - A neuron is at its resting potential when only positive ions are inside its membrane.
  - An impulse loses strength the further it travels along an axon.
- 22) The type of research that determines the strength of a relationship between two variables is called an
- Experimental
  - Correlation study
  - Survey
  - Quasi experiment
- 23) Most of the subjects try to help the researcher by doing their best to perform as they think should. This problem is called
- The self-fulfilling prophecy
  - Demand characteristics
  - The placebo effect
  - The Hawthorne effect

- 24) Govind sees a sign in the bathroom stall that says, "Do Not Write on The Wall Under Any Circumstances!" Govind takes his pen and begins to write over the walls. According to social psychologists, Govind is experiencing
- Selective avoidance
  - Trivialization
  - Reactance
  - Jeer Pressure
- 25) A reliability coefficient is an index of reliability that reflects the ratio between
- The error variance and the error variance squared.
  - The true score variance on a test and the total variance.
  - The true score variance on a test and the error variance squared
  - The true score variance and the error variance.
- 26) The field of study that combines engineering with psychology to create products that are safe and efficient for people to use is called
- Scientific management.
  - Hawthorne studies.
  - Ergonomics.
  - Human relations.
- 27) Which of the following is an example of 360-degree feedback?
- An employee receiving feedback on her ability to successfully demonstrate required knowledge, skills, and abilities
  - An employee receiving feedback that has been completed by two supervisors, so as to avoid rating errors
  - An employee evaluating her own performance and sharing that with her supervisor
  - an employee receiving feedback from her supervisor, her peer, and her subordinate
- 28) If behaviour is freely chosen, yields distinctive and uncommon results, and low in social desirability, what will it be attributed to
- internal unstable disposition
  - external unstable dispositions
  - external pressures
  - none of these
- 29) The tendency of people to cling to their ideas even in the face of contrary evidence is called the
- Availability heuristics
  - denial paradox
  - belief assimilation effect
  - belief perseverance phenomenon
- 30) Tversky and Kanheman have identified----- as a possible cause for the illusion of control
- Schemata
  - base-rate fallacy
  - regression toward the average
  - self-fulfilling fallacy
- 31) Which of the following is not part of job attitudes?
- Job Satisfaction
  - Job Enlargement
  - Organizational Commitment
  - Job Involvement
- 32) In which of the following research the researcher does not have a direct control over the independent variables
- Experimental research
  - Social experiments
  - Ex Post Facto Research
  - Laboratory experiments
- 33) Which one of the following is not a technique of survey research?
- mail questionnaire
  - panel technique
  - Focus group discussions
  - telephone surveys.

- 34) \_\_\_\_\_ Memory includes what people can do or demonstrate, whereas; \_\_\_\_\_ memory is about what people know and report.
- A) non-declarative; declarative
  - B) declarative ; non-declarative
  - C) semantic, procedural
  - D) episodic; semantic
- 35) Which of the following is an example of a test using recognition?
- A) short answer
  - B) essay
  - C) fill in the blanks
  - D) true-false
- 36) Research by Elizabeth Loftus shows that eyewitness recognition is very prone to what psychologist call
- A) automatic encoding
  - B) a false positive
  - C) a flashbulb memory
  - D) eidetic Imagery
- 37) The approach to motivation that forced psychologists to consider the value of homeostasis in motivation was the \_\_\_\_\_ approach
- A) arousal
  - B) drive reduction
  - C) instinct
  - D) incentive
- 38) Jasmine often requires her friends' approval when she buys new outfits. Her need is an example of a(n) \_\_\_\_\_ drive
- A) primary
  - B) acquired
  - C) innate
  - D) instinctive
- 39) Leptin is a hormone involved in
- A) appetite control
  - B) metabolism control
  - C) digestion of fatty foods
  - D) neurotransmissions
- 40) Le Doux's work on physiology involving emotions has focused on what part of the brain
- A) thalamus
  - B) hippocampus
  - C) prefrontal cortex
  - D) amygdale
- 41) Which theory of emotion relies heavily on cognition and labelling?
- A) the original, or commonsense theory
  - B) schacter and singer's theory
  - C) cannon and bard's theory
  - D) James Lange theory
- 42) How many axes does the DSM-5 use to aid mental health professionals in making a diagnosis?
- A) one
  - B) two
  - C) four
  - D) five
- 43) Trypanophobia, also known as a fear of receiving an injection, is an example of
- A) obsession
  - B) social phobia
  - C) anxiety attack
  - D) specific phobia
- 44) Survivors of natural disasters like hurricane Sandy in 2012 may experience higher incidence of
- A) depression
  - B) posttraumatic stress disorder
  - C) anxiety disorder
  - D) schizophrenia
- 45) Which type of depression is the most common type of mood disorder?
- A) bipolar disorder
  - B) mania
  - C) seasonal affective disorder
  - D) major depressive disorder

- 46) What type of psychologist would be most likely to put together an anti-bullying program for middle school students?
- A) experimental
  - B) clinical
  - C) forensic
  - D) educational
- 47) Which type of psychologist is most concerned with maximizing job satisfaction in night shift employees?
- A) industrial/organizational
  - B) clinical
  - C) forensic
  - D) environmental
- 48) What part of the eye hardens as we age thus causing many to suffer from presbyopia
- A) rods
  - B) cones
  - C) lens
  - D) vitreous humor
- 49) You detect the strong smell of cedar as you enter a furniture store. However; after a short while in the store, you no longer can detect the smell. This process is known as
- A) sensory adaptation
  - B) habituation
  - C) perceptual constancy
  - D) accommodation
- 50) the Muller-Lyer illusion is influenced greatly by one's
- A) age
  - B) gender
  - C) level of intellect
  - D) culture

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**Rough Work:**