

FINAL ANSWER KEY

Question Paper Code:	57/2019/OL
Category Code:	012/2019
Exam:	Scientific Assistant (Polygraph)
Medium of Question:	English
Date of Test	03-12-2019
Department	Kerala police Department
Alphacode	A

Question1:-Who proposed the attenuation model of attention?

- A:-Treisman
- B:-Broadbent
- C:-Kahneman
- D:-Deutsch and Deutsch

Correct Answer:- Option-A

Question2:-The study of how physical stimuli are translated into psychological experience

- A:-ESP
- B:-Psychokinesis
- C:-Psychophysics
- D:-Psychometry

Correct Answer:- Option-C

Question3:-According to Brown and Peterson the retention duration of memory is as little as ____

- A:-150 to 200 milliseconds
- B:-7 seconds
- C:-10 seconds
- D:-20 seconds` `

Correct Answer:- Option-D

Question4:-Who proposed the investment theory of creativity?

- A:-Sternberg and Lubart
- B:-Guilford
- C:-Teresa Amabile
- D:-Kaufman and Baer

Correct Answer:- Option-A

Question5:-____ is a type of mental set

- A:-Strategy
- B:-Curiosity
- C:-Ill structured problem
- D:-Stereotype

Correct Answer:- Option-D

Question6:-In ____ theory of motivation, people are said to have an optimal level of tension.

- A:-Drive reduction
- B:-Instinct
- C:-Arousal
- D:-Humanistic

Correct Answer:- Option-C

Question7:-Most connectionist models assume that cognitive processes occur in ____

- A:-Series
- B:-Parallel
- C:-Discrete Stages
- D:-Isolation

Correct Answer:- Option-B

Question8:-The experimental method that requires people to repeat the attended message out loud

- A:-Priming
- B:-Varied mapping
- C:-Chunking
- D:-Shadowing

Correct Answer:- Option-D

Question9:-The illusion of movement created by presenting visual stimuli in rapid succession is called ____



- A:-Retinal disparity
- B:-Covergence
- C:-The phi phenomenon
- D:-Motion parallax

Correct Answer:- Option-C

Question10:-The apparent capacity of major news event to illuminate trivial aspects of the subject's environmental context is called _____

- A:-Autobiographical memory
- B:-Eye witness testimony
- C:-Cocktail party effect
- D:-Flashbulb memory

Correct Answer:- Option-D

Question11:-In triarchic theory of human intelligence, higher order executive processes to plan, monitor, and evaluate belong to _____

- A:-Metacomponents
- B:-Knowledge-acquisition components
- C:-Performance components
- D:-None of these

Correct Answer:- Option-A

Question12:-Which among the following is prone to an error in syllogistic reasoning?

- A:-Content effects
- B:-Believability effects
- C:-Premise phrasing
- D:-All of these

Correct Answer:- Option-D

Question13:-Which of the following statements is true regarding Maslow's Hierarchy of needs?

1. Theory is based on his own personal observations and not on empirical evidence
2. Theory is rigid and cannot be applied in certain cultures as in Japan or Greece.
3. He later refined his theory by adding existence needs, relatedness needs and growth needs.

- A:-1 and 3
- B:-1 and 2
- C:-1, 2 and 3
- D:-None of these

Correct Answer:- Option-B

Question14:-Research on avoidance learning suggests that a fear response is acquired through _____ conditioning, the avoidance response is maintained as a result of _____ conditioning.

- A:-Classical, operant
- B:-Operant, classical
- C:-Classical, classical
- D:-Operant, operant

Correct Answer:- Option-A

Question15:-The amplitude of wave shown in ERP is _____ for the attended stimulus than the unattended stimulus.

- A:-Smaller
- B:-Larger
- C:-Similar
- D:-Thinner

Correct Answer:- Option-B

Question16:-According to Biederman, the role of geons in object perception is similar to that of _____ in speech perception.

- A:-Pitch
- B:-Loudness
- C:-Phonemes
- D:-Tone

Correct Answer:- Option-C

Question17:-Which of the following is a memory distortion explained in Schacter's "seven sins of memory"?

- A:-Absent mindedness
- B:-Tip-of-the tongue
- C:-Proactive interference
- D:-Primacy effect

Correct Answer:- Option-A

Question18:-IQ tests have proven to be good predictors of _____.

- A:-Social intelligence
- B:-School performance
- C:-Practical problem solving intelligence
- D:-All of the above

Correct Answer:- Option-B

Question19:-Set of problems with the same underlying structures and solutions but different specific details are called ____.

- A:-Well defined problems
- B:-Analogies
- C:-Isomorphs
- D:-Algorithms

Correct Answer:- Option-C

Question20:-The need for money is an example of ____ drive.

- A:-A primary
- B:-An acquired
- C:-An innate
- D:-An instinctive

Correct Answer:- Option-B

Question21:- ____ are mental representations of physical locations.

- A:-Icons
- B:-Visual images
- C:-Schema
- D:-Cognitive maps

Correct Answer:- Option-D

Question22:-According to Posner and Snyder which of the following is not a criterion for automatic processing?

- A:-Lack of intention
- B:-Lack of conscious awareness
- C:-Task difficulty
- D:-Absence of interfering with other mental activities

Correct Answer:- Option-C

Question23:-The principles of organization hold good for ____

- A:-Visual sense only
- B:-Visual and auditory senses
- C:-Visual and tactile senses
- D:-Visual, auditory and tactile senses

Correct Answer:- Option-A

Question24:-According to Mandler, maintenance rehearsal results in ____.

- A:-Semantic processing
- B:-Integration
- C:-Elaboration
- D:-Relational processing

Correct Answer:- Option-B

Question25:-Binet and Simon published the first useful test of general mental ability in ____.

- A:-1904` `
- B:-1905
- C:-1908
- D:-1911

Correct Answer:- Option-B

Question26:-Unconscious processing that works on a specific problem while the mind is otherwise occupied is called ____.

- A:-Inference
- B:-Introspection
- C:-Insight
- D:-Incubation

Correct Answer:- Option-D

Question27:-Those who have an internal locus of control are prone to think intelligence is ____.

- A:-Fixed
- B:-Changeable
- C:-Independent
- D:-All of these

Correct Answer:- Option-B

Question28:- ____ is the part of brain associated with retrieval of emotionally charged events.

- A:-Amygdala
- B:-Basal ganglia
- C:-Cerebral cortex
- D:-Hippocampus

Correct Answer:- Option-A

Question29:-Anitha put ice cream in the cupboard and can of soup in the freezer while putting away the groceries. Identify the error associated with automatic processing.

- A:-Associative activation error
- B:-Description error
- C:-Capture error
- D:-Data driven error

Correct Answer:- Option-B

Question30:- ____ theory cannot account for the complexity and flexibility of object recognition.

- A:-Template matching
- B:-Feature analysis
- C:-Prototype
- D:-Recognition by components

Correct Answer:- Option-A

Question31:-Deepak had a concussion and now he is not able to remember events prior to othe accident. He is suffering from ____

- A:-Anterograde amnesia
- B:-Retrograde amnesia
- C:-Alzheimer's disease
- D:-Korsakoff's syndrome

Correct Answer:- Option-B

Question32:-For all mental operations, there is an underlying general factor called 'g'. This theory of intelligence was put forwarded by ____

- A:-Cattell
- B:-Spearman
- C:-Thorndike
- D:-Thurstone

Correct Answer:- Option-B

Question33:-Which of the following schools of thought in psychology supported the role of insight in problem solving?

- A:-Evolutionary
- B:-Behaviourism
- C:-Gestalt psychology
- D:-All of these

Correct Answer:- Option-C

Question34:-The stress increasing effects of uncontrollability are related to the effects of ____ on stress.

- A:-Unpredictability
- B:-Frustration
- C:-Pressure
- D:-Conflict

Correct Answer:- Option-A

Question35:-Identify the true statements from the following regarding learned helplessness.

1. Martin Seligman discovered it unexpectedly while experimenting on dogs using classical conditioning.
2. Components of learned helplessness are outcome contingency, mediating, cognitions, and behaviour outcomes.
3. Implications of learned helplessness include failure to initiate action, failure to learn and depression.

- A:-2 and 3
- B:-1 and 3
- C:-only 3
- D:-1, 2 and 3

Correct Answer:- Option-D

Question36:-The integration errors because of attention overload is called ____.

- A:-Illusory conjunctions
- B:-Illusory contours
- C:-Illusory correlation
- D:-Inattentional blindness

Correct Answer:- Option-A

Question37:-Perceptual organizations will not be possible without ____ segregation.

- A:-Illusion
- B:-Depth
- C:-Viewer
- D:-Figure-ground

Correct Answer:- Option-D

Question38:-Name the psychologist who argued for the existence of working memory.

- A:-Atkinson
- B:-Saul Sternberg
- C:-Alan Baddeley
- D:-Ebbinghaus

Correct Answer:- Option-C

Question39:-In structure of intellect model, ____ is the ability to understand changes in information such as rotation of visual figures.

- A:-Transformations
- B:-Implications
- C:-Convergent production
- D:-Divergent production

Correct Answer:- Option-A

Question40:-A strategy in which one estimates the probability of an event by the ease with which mental operations can be carried out is called ____.

- A:-Anchoring
- B:-Hindsight bias
- C:-Availability heuristics
- D:-Representativeness heuristics

Correct Answer:- Option-C

Question41:-Cognitive meditational theory of emotion is given by ____

- A:-Ekman
- B:-Ekman and Friesen
- C:-Lorenz
- D:-Lazarus

Correct Answer:- Option-D

Question42:-Rescorla's work on signal relations showed that the predictive value of ____ is an influential factor in classical conditioning.

- A:-An unconditioned stimulus
- B:-A conditioned response
- C:-A conditioned stimulus
- D:-A neutral stimulus

Correct Answer:- Option-C

Question43:-An attentional dysfunction of ignoring the half of visual field contralateral the hemisphere that has a lesion.

- A:-Associative agnosia
- B:-Prosopagnosia
- C:-Apperceptive agnosia
- D:-Hemi-neglect

Correct Answer:- Option-D

Question44:-The neurons in the visual cortex that respond only to stimuli of particular orientation and specific length and width are called ____.

- A:-Simple cells
- B:-Complex cells
- C:-Hypercomplex cells
- D:-Hypocomplex cells

Correct Answer:- Option-D

Question45:-Multiple choice tests involve ____ task.

- A:-Serial recall
- B:-Recognition
- C:-Cued recall
- D:-Free recall

Correct Answer:- Option-B

Question46:-The concept of emotional intelligence was originally developed by ____

- A:-Daniel Goleman

B:-Howard Gardner

C:-Peter Salovey and John Mayer

D:-Arthur Jensen and Sandra Scarr

Correct Answer:- Option-C

Question47:-Shaji is on a two-week vacation. He is having a miserable time. But instead of going home he decides to continue in order to justify his initial deal. Identify the bias.

A:-Gambler's fallacy

B:-Conjunction fallacy

C:-Sunk cost effect

D:-Overconfidence

Correct Answer:- Option-C

Question48:-Who reformulated the frustration-aggression hypothesis?

A:-Berkowitz

B:-Selye

C:-Miller

D:-Dollard

Correct Answer:- Option-A

Question49:-Kohler determined that Sultan's two-stick solution to the banana problem was an example of insight because it was ____.

A:-The result of trial and error learning

B:-Sudden and rapid

C:-Arrived at after a long time period

D:-Intelligent

Correct Answer:- Option-B

Question50:-The influence of decision making process in noticing stimulus is accounted in ____

A:-Absolute threshold

B:-Weber's law

C:-Just noticeable difference

D:-Signal detection theory

Correct Answer:- Option-D

Question51:-Plasticity of perception is demonstrated by experiment with ____

A:-Prisms

B:-Sensory deprivation

C:-Perceptual learning

D:-All the above

Correct Answer:- Option-A

Question52:- ____ is a mnemonic technique.

A:-Backtracking method

B:-Cue overload

C:-Spreading activation

D:-Pegword method

Correct Answer:- Option-D

Question53:-According to Cattell, ____ is the hardware of our brains that determine the limits of our information processing.

A:-Fluid intelligence

B:-Crystallized intelligence

C:-G factor

D:-S factor

Correct Answer:- Option-A

Question54:-Wason selection task suggests ____ as a general tendency in human thought which also caters to maintaining prejudices.

A:-Framing effect

B:-Heuristics

C:-Confirmation bias

D:-Contradiction

Correct Answer:- Option-C

Question55:-The theory of emotion that owes a lot to Darwin's work is the ____ theory.

A:-James-Lang

B:-Cannon-Bard

C:-Schachter-Singer

D:-Facial feedback

Correct Answer:- Option-D

Question56:-The key to the cognitive perspective of classical conditioning is that the presentation of the conditioned stimulus must ____.

- A:-Act as a substitute for the unconditioned stimulus
- B:-Provide information about the coming of the unconditioned stimulus
- C:-Provide information about the coming of the conditioned response
- D:-Provide information about the coming of the unconditioned response

Correct Answer:- Option-B

Question57:-Organic Delusional Syndrome does NOT include the following symptoms:

- A:-May harm self
- B:-Mild cognitive impairment
- C:-Altered state of consciousness
- D:-Speech may be rambling

Correct Answer:- Option-C

Question58:-Which of the following sequences of decision making perspective of pro-social behaviour is correct?

- A:-Perceiving need → taking personal responsibility → weighing cost & benefit → deciding how to help → help given
- B:-Weighing cost & benefit → Perceiving need → deciding how to help → help given → taking personal responsibility
- C:-Taking personal responsibility → deciding how to help → help given → weighing cost & benefit → Perceiving need
- D:-Perceiving need → weighing cost & benefit → deciding how to help

Correct Answer:- Option-A

Question59:-Rag-bag definition is related to :

- A:-Memory
- B:-Personality
- C:-Thinking
- D:-Emotion

Correct Answer:- Option-B

Question60:-Barriers based on attitudinal or organizational bias that prevents qualified females from advancing to top level positions:

- A:-Tokenism
- B:-Risk Averse
- C:-Gender Stereotypes
- D:-Glass Ceiling Effect

Correct Answer:- Option-D

Question61:-Q-Sort Test measures which of the following:

- A:-Attitude
- B:-Self-Ideal
- C:-Self-Concept
- D:-Self-Esteem

Correct Answer:-**Question Cancelled**

Question62:-Which model argues / assumes that aversive circumstances produce negative effect in the form of anger, hostility or irritation?

- A:-Cognitive Neo-Association Model
- B:-Excitation Transfer Model
- C:-Instinct Model
- D:-Negative state Relief Model

Correct Answer:- Option-A

Question63:-Which one of the following is not a component of consummate love?

- A:-Intimacy
- B:-Commitment
- C:-Infatuation
- D:-Passion

Correct Answer:- Option-C

Question64:-What is the important factor of attitude which influences our behaviour?

- A:-Strength of Attitude
- B:-Instability of Attitude
- C:-Selection of Attitude
- D:-Self Affirmation of Attitude

Correct Answer:- Option-A

Question65:-Yerkes-Dodson law suggests that a curvilinear relationship exists between:

- A:-Motivation & Learning

B:-Motivation & Performance

C:-Learning & Performance

D:-Learning & Thinking

Correct Answer:- Option-B

Question66:-Who defined Neurotic Anxiety?

A:-Karen Horney

B:-Erich Fromm

C:-Freud

D:-Carl Jung

Correct Answer:- Option-C

Question67:-'Style of Life' is the Slogan of:

A:-Theory of Motivation

B:-Theory of Personality

C:-Theory of Learning

D:-Theory of Intelligence

Correct Answer:- Option-B

Question68:-'Structured Personality-Learning Theory' was written by:

A:-Abraham Maslow

B:-John Dewey

C:-David Wechsler

D:-Raymond Cattell

Correct Answer:- Option-D

Question69:-Childhood psychopathology is best described by which of the following statements?

A:-Childhood psychiatric disorders are more common in boys than in girls

B:-Childhood disorders are more common in latency-aged children

C:-Childhood psychopathology is always transient

D:-It is impossible to evaluate psychiatric disorders in childhood

Correct Answer:- Option-A

Question70:-Model of 'sensation seeking' was developed by"

A:-Gray

B:-Eysenck

C:-Zucherman

D:-Frank

Correct Answer:- Option-C

Question71:-Pedophilia is best characterized by all of the following statements, EXCEPT:

A:-It is often caused by organic mental syndrome

B:-The adult perpetrator must be at least 6 years older than the victim

C:-The disorder involves pre-pubertal children of either sex

D:-The diagnosis can be made when sexual stimulation can be achieved by fantasy

Correct Answer:- Option-A

Question72:-The approach in which inaccurate, harmful attribution are replaced with more accurate and beneficial ones:

A:-Misattribution Training

B:-Attribution Training

C:-Attribution Style

D:-Illusion Attribution

Correct Answer:- Option-B

Question73:-Agoraphobia is best characterized by which of the following statements:

A:-It is treated with β -blockers

B:-It is caused by specific trauma

C:-It commonly accompanies panic attack

D:-It involved fear of heights

Correct Answer:- Option-C

Question74:-According to Dollard & Miller, there are 4 important conceptual elements in learning process. They are:

A:-Drive, cue, response and reinforcement

B:-Drive, cue, motivation and reinforcement

C:-Cue, response, motivation and reinforcement

D:-Cue, response, habit and reinforcement

Correct Answer:- Option-A

Question75:-Who suggested that 'personal judgments' operate at each stage of self-regulation?

A:-Skinner

B:-Bandura

C:-Hull

D:-Allport

Correct Answer:- Option-B

Question76:-Avoidant Personality Disorder falls under which Cluster?

A:-Cluster A

B:-Cluster B

C:-Cluster C

D:-Cluster D

Correct Answer:- Option-C

Question77:-Criteria of Kurt Schneider for the diagnosis of schizophrenia include all of the following. EXCEPT:

A:-Auditory Hallucination

B:-Voices heard arguing

C:-Thought insertion

D:-Ambivalence

Correct Answer:- Option-D

Question78:-Standard Progressive Matrices consists of:

A:-50 items

B:-60 items

C:-70 items

D:-80 items

Correct Answer:- Option-B

Question79:-Bisexuality is a:

A:-Sexual attraction to female

B:-Sexual attraction to opposite sex

C:-Sexual attraction to males

D:-Sexual attraction to members of both sexes

Correct Answer:- Option-D

Question80:-Which score suggests possible impairment in MMSE (Mini-Mental Status Examination)?

A:-Below 25

B:-Below 26

C:-Below 27

D:-Below 28

Correct Answer:- Option-A

Question81:-Over-inclusion of trivial or irrelevant details that impede sense of getting to the point is:

A:-Derailment

B:-Circumstantiality

C:-Flight of Ideas

D:-Perseveration

Correct Answer:- Option-B

Question82:-Which of the following is NOT necessary for crisis intervention?

A:-Empathetic listening

B:-Evaluate stressful situation

C:-Estimate patient's ego resources

D:-Avoid exploring for dynamic factors

Correct Answer:- Option-D

Question83:-The theoretical propositions are not stated at outset of study. This statement is an essential characteristic of:

A:-Grounded Theory

B:-Ethnography

C:-Clinical Research

D:-Case Study

Correct Answer:- Option-A

Question84:-Characteristic that differentiates interval and ratio scales is the definition of the:

A:-3-point

B:-2-point

C:-1-point

D:-0-point

Correct Answer:- Option-D

Question85:-Who included in his model of intelligence the operation of convergent thinking?

- A:-Thurstone
- B:-Spearman
- C:-Guilford
- D:-Galton

Correct Answer:- Option-C

Question86:-The examination of existing records for the purpose of confirming hypothesis is known as:

- A:-Survey Research
- B:-Case Study
- C:-Naturalistic Observation
- D:-Archival Research

Correct Answer:- Option-D

Question87:-An individual's self-concept derives partly from membership in an 'in group' arises from which theory of cognitive approach of prejudice:

- A:-Social Identity Theory
- B:-Realistic Groups Conflict Theory
- C:-Scape Goat Theory
- D:-Implicit Theory

Correct Answer:- Option-A

Question88:-Which one of the following test is nearest non-parametric alternative in terms of Power to independent sample t-test?

- A:-Sign Test
- B:-Mann-Witney U-Test
- C:-Kruskal-Wallis H-Test
- D:-Chi-Square Test

Correct Answer:- Option-B

Question89:-Which among the following is not a test of reliability?

- A:-Cronbach's Alpha
- B:-Kuder Richardson
- C:-Campbell & Fiske
- D:-Spearman Brown Formula

Correct Answer:- Option-C

Question90:-Axon membrane's depolarization below threshold of activation:

- A:-Involve activation of sodium-potassium pump
- B:-Remain static at each point along membrane
- C:-Are just smaller version of action potential
- D:-Decrease in size as they sweep along membrane

Correct Answer:- Option-D

Question91:-The original pathology gets reiterated in transferences towards therapist. These transference constitutes substitute pathology known as:

- A:-Positive Transference
- B:-Negative Transference
- C:-Transference Neurosis
- D:-Transference as Resistance

Correct Answer:- Option-C

Question92:-In which stage of psychosocial development competitiveness and ambition traits are seen by fixation

- A:-Urethral Stage
- B:-Oral Stage
- C:-Phallic Stage
- D:-Anal Stage

Correct Answer:- Option-A

Question93:-Castration Anxiety is related to:

- A:-Mother
- B:-Father
- C:-Friends
- D:-Siblings

Correct Answer:- Option-B

Question94:-Mode of onset includes:

- A:-Abrupt
- B:-Continuous

C:-Episodic

D:-Deteriorating

Correct Answer:- Option-A

Question95:-In which year Wechsler Adult Intelligence Scale-IV (WAIS-IV) was developed?

A:-1989

B:-1997

C:-2005

D:-2013

Correct Answer:- Option-C

Question96:-Planning Fallacy refers to:

A:-Overestimation of Time

B:-Underestimation of Time

C:-Over-confidence

D:-Under-confidence

Correct Answer:- Option-B

Question97:-Impairment of right-left discrimination was defined by:

A:-Rothi et.al

B:-Heilman et.al

C:-Siev et.al

D:-Basso et.al

Correct Answer:- Option-C

Question98:-Clinical-Theoretical Approach is pioneered by:

A:-Lezak

B:-Luria

C:-Nebraska

D:-Lewis

Correct Answer:- Option-B

Question99:-The minimum age of onset of Autism Spectrum Disorder symptoms is:

A:-12-24 months

B:-24-36 months

C:-36-48 months

D:-After 6 years

Correct Answer:- Option-A

Question100:-What is the duration of Post-Partum Psychosis?

A:-3-4 months

B:-2 months

C:-2-3 months

D:-Within 2-3 weeks of Delivery

Correct Answer:- Option-D