



KARNATAKA ICSE SCHOOLS ASSOCIATION

ISC STD. XII Preparatory Examination 2024

Subject – PSYCHOLOGY

Time Allowed : **3HRS.**

Maximum Marks : 70

Date: **.01.2024**

ANSWER KEY

Maximum Marks: 70

Time Allowed: Three Hours

(Candidates are allowed an additional 15 minutes for only reading the paper.

They must NOT start writing during this time.)

Answer all questions in Section A, Section B and Section C.

Section A consists of objective / very short answer questions.

Section B consists of short answer questions.

Section C consists of long answer questions.

The intended marks for questions or parts of questions are given in brackets [].

SECTION A – 14 MARKS

Question 1

- (i) Minu has been assigned Group Leader and has to complete a project in three days. The teacher instructs her group members to be uncooperative and disobedient to Minu, as she wants to assess how Minu would react to stress. [1]

Identify the Behavioural Analysis technique adopted by the teacher.

Ans: **Situational Test**

- (ii) According to the Rorschach Ink-Blot Test, when the Ws exceed the d or Ds in number, the person is said to be _____. [1]

Ans: **mature, intelligent, ability to synthesise**



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- (iii) With the help of an example each bring out the difference between the two concepts given by Piaget, Accommodation and Assimilation. [1]

Ans : Assimilation: A preschooler sees a giraffe for the first time in a zoo and shouts out “ horse”, as she found a horse to be closest to the strange looking animal in her conceptual schemas.

Accommodation : A preschooler calls the giraffe a “giant horse”, as he noticed certain characteristic changes between the two animals.

- (iv) Sam and his friends were playing cricket out on the street. Diya their classmate and neighbour came and asked if she could play with them. The boys started laughing at her request and told her to go and play with her dolls instead.

The boys clearly show gender _____ . [1]

Ans: Gender Stereotype

- (v) When peers try to persuade you to bunk college and go for a movie, and you say no, and attend college. What important life skill are you exhibiting? [1]

Ans: Assertiveness

- (vi) Mr. Mohit a manager of a company does not get a raise at the end of the year and feels that all his efforts have been ignored. What kind of work related factor has caused the stress he is experiencing? [1]

Ans: Performance Appraisal



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- (vii) Sohail finds it difficult to, be in a room by himself, or go to school alone, enter new situations, he screams, throws tantrums when alone and shadow's his parents every move.

Sohail is thus diagnosed with _____ Disorder. [1]

Ans: Separation Anxiety Disorder

- (viii) Prejudice, no doubt is a negative and brutalizing force in social affairs, therefore countering its effects is very important. Research shows that one such way is Recategorization. [1]

Give an example showing how recategorization can help overcome prejudice.

Ans: In school when there is an intra-school basketball tournament, then the teams of different houses becomes rivals and develop prejudice for one another. But if a team of the best players from different houses are selected to represent their school and play as a team against another school in an inter-school tournament, the team members become part of the 'us' group and support them even though earlier they were the out group.

- (ix) State whether the following are True or False. [3]

(a) Peter Salovey and John D Mayer gave the concept of IQ.

Ans : False

(b) Ravi used creative thinking to solve a problem. According to Cattell, this shows his crystallized intelligence.

Ans: False



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(c) With the help of an Achievement test, a student's overall future performances and range of mental capabilities can be measured.

Ans: False

(x) The Principal enters the class and finds the students busy writing notes and some reading the lesson in spite of the teacher not being in the class. He concludes this disciplined behaviour of the students as _____ norm.

- (a) Disjunctive
- (b) Normative
- (c) Injunctive
- (d) Descriptive

Ans: Descriptive Norm

(xi) Edward Hall, an anthropologist, has put forward four kinds of interpersonal physical distance, depending on the situation. [1]

Identify which of the statements explains **Social Distance**.

- (a) The distance you maintain when the interaction is formal, and not close.
- (b) The distance you maintain in a formal setting where there is a large number of persons.
- (c) The distance you maintain when you are interacting one-to-one with a close friend, relative, etc.
- (d) The distance you maintain when you are talking privately to someone very close, friend or relative.

Ans: The distance you maintain when the interaction is formal, and not close.



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- (xii) Given below are two statements marked as Assertion and Reasoning. Read the statements and choose the correct option. [1]

Assertion (A): Histrionic personality are reluctant to enter into any social interactions and have limited social relations.

Reason (R): Histrionic personality disorder is characterized by social inhibition and hypersensitivity to negative evaluation by others.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, and R is false.

Ans: A is false, and R is false.

SECTION B – 28 MARKS

Question 2

- (i) Explain *any four* types of intelligence according to L.L.Thurstone. [4]

Ans: Numerical factor (N), Verbal factor (V), Spatial factor (S), Memory factor(M), Inductive reasoning factor (RI), Word fluency (W), Perceptual factor(P)



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OR

- (ii) Give *one* characteristic each of below average individuals with [4]
regard to academics and social skills.

Ans :

FUNCTIONAL AREAS	Mildly Retarded IQ: 55-69	Moderately Retarded IQ: 40-54	Severely Retarded IQ: 25-39	Profoundly Retarded IQ: Below 25
Academics	Slow learners in school, repeat early grades, educable.	Inadequate academic skill, not educable but trainable.	Lack academic skills, neither trainable nor educable.	Neither trainable nor educable.
Social Skills	Social adjustment comparable to an adolescent; they have friends and adjust fast.	Might have friends, but face difficulty in social situations.	Do not have any social interactions, need complete supervision and are often institutionalized.	Do not have any social interactions, need complete supervision and are often institutionalized.

Question 3

Write *any four* differences between Friedman's Type A and Type B personality patterns. [4]

Ans:

TYPE-A	TYPE-B
free floating hostility	Work steadily
Competitive drive	Enjoy achievements
Ambitious and multi-tasker	Often lazy



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High achieving workaholics	Experience lower levels of anxiety
Time urgency and impatience	Flexible in planning and organisation

Question 4

Read the two conversations given carefully and answer the questions.

Dad: James your new school has a fantastic cricket and football field and we will be living close by, so you can attend all your practices. Isn't that wonderful.

Son : Dad, but I don't want to go, I'll miss my friends, I like it more here, please, please let's not go.

Dad: I can understand dear, but I have no choice, I need this job.

- (i) Identify which layer of the Ecological System Theory that James is being affected by and why? [2]

Ans: Exosystem. Since James is being affected by dad's workplace as he has to change school, leave his friends behind. This can have a great impact on his behaviour.

- (ii) Apart from the above layer, which layer is having a bidirectional influence and why is it so called? [2]

Question 5

Ali and his friends went trekking and on their way back they heard the sound of a tiger growling not too far away. Immediately they were alert about the situation and ran in the opposite direction to avoid an encounter. Surprisingly they lost their way and began to worry. The roar kept on increasing and the boys started running faster. Luckily they found their bus, got in and quickly drove away.



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According to Hans Selye, what did the boys experience? Explain the two stages that they went through according to him, and what was the last stage that they luckily avoided and why? [4]

Ans: The boys experienced Stress.

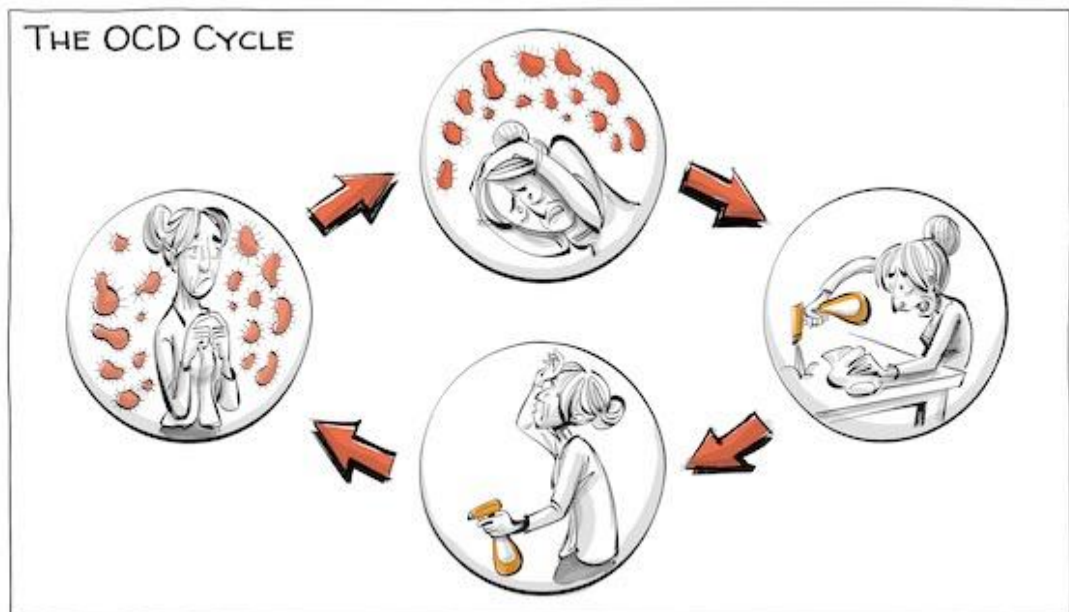
Stage 1: Alarm Stage

Stage 2: Resistance Stage [explain in detail]

They avoided the Stage 3: Exhaustion Stage as they could drive away and be out of stress.

Question 6

(i) Observe the picture given below and answer the questions given:



Source: sprouts

(a) To which Axis of the DSM IV does the above disorder belong? [1]

Ans: Axis I

(b) Explain any two causes and one symptom of this disorder. [3]



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Ans: Causes: Neurochemical, Heredity, Behavioural perspective, Cognitive perspective and Psychodynamic perspective. [explain any two]

Symptoms: recurrent and persistent thoughts, repitative behaviour, inappropriate thoughts, affect ones daily life by wasting a lot of time and cause distress. [explain any one]

OR

(ii) Jaspreet is a good folk dancer and auditioned for the school Annual Day program. Unfortunately this year he wasn't selected as the competition was very tough. This failure affected him badly and he stopped participating in various dance events as he now believes that he is not a good dancer and quits dancing.

(a) What therapy would you suggest Jaspreet can try to overcome his psychological discomfort? [1]

(b) Plan a step by step procedure that the therapist must device in order to help Jaspreet overcome his distress. [3]

Ans:Cognitive therapy- Rational Emotive Therapy RET

Question 7

A senior student pushes a junior student in the school corridor. This incident is witnessed by the teacher. Should the teacher conclude this behaviour of the senior student to internal causes or external causes.

(i) Name the theory given by H. Kelley through the above example. [1]

Ans: Theory of Attribution

(ii) What method should be followed by the teacher to arrive at the right conclusion. [3]

Ans: Consensus, Consistency and Distinctiveness

Question 8



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“While the [stigma surrounding mental illness](#) still exists, psychosocial rehabilitation strives to help reduce prejudice and foster social inclusion. This approach uses what is known as the [recovery model of mental illness](#)”.

Stein DJ, Szatmari P, Gaebel W, et al. [Mental, behavioral and neurodevelopmental disorders in the ICD-11: An international perspective on key changes and controversies](#). *BMC Med.* 2020;18(1):21. doi:10.1186/s12916-020-1495-2

Keeping in mind the above noble thought, give the meaning of psychosocial rehabilitation and suggest three goals that it focuses on in its effort to assist patients. [4]

Ans: Efforts to help patients with serious mental disorders (e.g., schizophrenia, major mood disorders) to cope more effectively with their disorders and to prevent or lessen the crises that reduces these patients’ ability to function in society. [refer Baron page 525]

SECTION C – 28 MARKS

Question 9

- (i) Explain briefly how there has been an adverse effect of poverty and deprivation on cognitive processes. [2]
- (ii) State two causes of poverty and three measures for poverty alleviation. [5]

Ans: Causes: natural disasters, passes from one generation to the next, they lack ability and motivation to put effort and use available opportunities, discrimination. Steps to empower the poor[explain any two]

Measure to alleviate poverty: breaking the cycle by attaining self sufficiency, making the poor take responsibility instead be blamed for their state, provide education opportunities , [any three]

Question 10



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- (i) In his book Psychology, Indian Subcontinent Edition, Robert A, Baron says that the WAIS – III test is used to measure the intelligence of children and also to diagnose serious psychological disorders as well as learning disabilities in children.

- (a) Who developed the Intelligence test WAIS – III? [1]

Ans: David Wechsler

- (b) Explain *any six* subtests of WAIS – III (three verbal tests and three performance tests) to assess the intelligence of children ? [6]

Ans: Verbal Tests

Information

Digit Span

Vocabulary

Arithmetic

Comprehension

Similarities

[any three]

Performance Tests

Picture Completion

Picture Arrangement

Block Design

Object Assembly

Digit Symbol

[any three]

OR

- (ii) Explain the Raven's Progressive Matrices keeping in mind the aim, history, description and scoring of the test. [7]

Question 11

Carefully observe the picture given below.



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Source: Clipart

- (i) Identify the attachment style seen between the mother and her daughter. [1]

Ans: Secure Attachment

- (ii) Explain in detail what happens in the other three styles of attachment seen among the child and the care giver identified by Mary Ainsworth and Lamb. [6]

Ans: Avoidant Attachment

Ambivalent Attachment

Disorganized Attachment

[explain]

Question 12

Read the conversation given below and answer the questions that follow.



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Teacher : “ Raju, why are you disturbing the class, sit quietly.

Raju : “Mam, its so boring”.

Teacher : “ All your work is incomplete, I’m very upset with your behaviour, I’ll give your name to the Principal”.

Raju : “ Mam, I was doing my work then Reena took my pencil, when I went to take it ,she dropped my pencil and she is saying I broke her pencil, she is lying mam, she only broke it, she is very bad, I don’t like her, she is very bad.

Teacher: “ Ok, now stop it, I’ll check who is at fault later, now you sit at your seat, and don’t move till the bell rings”.

- (i) Which Behavioural disorder is Raju exhibiting? [1]

Ans: Attention Deficit Hyperactivity Disorder

- (ii) Write down the two main features of this disorder and *any three* sub-features each of the two main features. [6]

Ans: The two main features of ADHD are *inattention* and *hyperactivity impulsivity*.

Children who are inattentive find it difficult to sustain mental effort during work or play. They have a hard time keeping their minds on any one thing or in following instructions. Common complaints are that the child does not listen, cannot concentrate, does not follow instructions, is disorganised, easily distracted, forgetful, does not finish assignments, and is quick to lose interest in boring activities. Children who are impulsive seem unable to control their immediate reactions or to think before they act. They find it difficult to wait or take turns, have difficulty resisting immediate temptations or delaying gratification.

Minor mishaps such as knocking things over are common whereas more serious accidents and injuries can also occur. Hyperactivity also takes many forms. Children with ADHD are in constant motion. Sitting still through a lesson is impossible for them. The child may fidget, squirm, climb and run around the room aimlessly. Parents and teachers describe them as ‘driven by a motor’, always on the go, and talk incessantly. Boys are four times more likely to be given this diagnosis than girls.



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