

**AGA KHAN UNIVERSITY EXAMINATION BOARD**

**HIGHER SECONDARY SCHOOL CERTIFICATE**

**CLASS XII**

**ANNUAL EXAMINATIONS (THEORY) 2023**

**Psychology Paper II**

**Time: 1 hour 30 minutes Marks: 35**

**INSTRUCTIONS**

**Please read the following instructions carefully.**

1. Check your name and school information. Sign if it is accurate.

**I agree that this is my name and school.  
Candidate's Signature**

**RUBRIC**

2. There are SEVEN questions. Answer ALL questions. Questions 6 and 7 offers TWO choices. Attempt any ONE choice.
3. When answering the questions:  
  
Read each question carefully.  
Use a black pointer to write your answers. DO NOT write your answers in pencil.  
Use a black pencil for diagrams. DO NOT use coloured pencils.  
DO NOT use staples, paper clips, glue, correcting fluid or ink erasers.  
Complete your answer in the allocated space only. DO NOT write outside the answer box.
4. The marks for the questions are shown in brackets ().
5. You may use a scientific calculator if you wish.

Q.1. (Total 3 Marks)

a. How do children shape their moral code in level I of Kohlberg's theory of moral development? (1 Mark)

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b. Describe the first TWO stages of Kohlberg's theory. (2 Marks)

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Q.2. (Total 3 Marks)

Describe any THREE reasons that cause prejudice in the society.

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Q.3.

(Total 4 Marks)

Study the strengths, weaknesses, opportunities and threats (SWOT) analysis of a student of grade XII.

Strengths	Weaknesses
Interested to learn new things Can associate well with people Has a strong mental support in terms of family Love for sports	Gets overwhelmed with expectations Struggles with spoken English Language Needs constant reassurance of love/ care/ work Inability to stay alone for a long period of time
Opportunities	Threats
Multiple areas to explore after grade XII Offered scholarships from different universities	Financial constraints Law and order situation of the city

With reference to the given SWOT analysis, suggest any FOUR steps on how the strengths of the person can help him/ her to overcome his/ her weaknesses.

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Q.4. (Total 3 Marks)

Zahrah is a 19 year old, bright first year computer science student at XYZ University. She had always wished to opt for this field, but was also apprehensive if she would be able to manage the course load. When she shared her worries with her family and friends, they had to say that she worries about almost everything and her name should be 'worry bug'. In her first semester, she had to study courses for which she had little background, which caused her a great deal of nervousness. She would also worry if her teachers and class fellows liked her or not. At home, she would feel extremely anxious as she offers little to no help to her mother in daily house chores. If she helps her mother, she has to worry that her studies are being ignored.

Zahrah has great difficulty in controlling these worries. She feels exhausted all the time with muscle tension and body aches. She often refuses to go out for lunch with friends at university as she feels of having a dry mouth and dizziness. It has been more than 6 months that she has not slept with these complaints.

i. Identify the disorder based on the given information. (1 Mark)

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ii. Give at least TWO reasons to support your identification in part i. (2 Marks)

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Q.5. (Total 2 Marks)

Mention any TWO concepts of mental health presented by Imam Al-Ghazali.

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Q.6.

(Total 10 Marks)

**EITHER**

- a. Subject U was brought into a physician clinic. Her biological statistics indicated that she is 15 years of age having a height of 5.4 feet and weighing 50 kg. Her family stated that she is underweight, yet she does not eat properly. As there was nothing wrong with her biologically except her weight, she was referred to a counsellor. During discussion, the counsellor found out that she lives in a joint family system. She is often compared with her cousins in terms of height, weight and facial features. She is a child who loved to eat, but as she entered puberty, she started gaining weight. Due to this, she was taunted and was told '*itna khao gi to bhens ban jao gi*'. She started feeling ashamed of her body and started wearing loose clothes. Also, she would join the family for dinner, but will just play with food and after everyone has gone, she would go into the kitchen at late nights and try to eat as much as possible. But once she went to her room, she felt guilty and tried to vomit whatever had eaten. She would tell her parents that she will be fasting for several days just like her mother. She would also secretly order chips, biscuits and sweets and store them in a cupboard. She would repeatedly check if her cupboard is closed so that no one can know of her secret. She also repeatedly checks her windows and doors as well for the same purpose.

Following is the family history of subject U:

- Father: Height 6 feet, weight is 75 kg and has a muscular build. He is very conscious of his diet and tries to eat balanced and healthy meals.
- Mother: Height 5.3 feet, weight is 45 Kg. She is slender and looks underweight herself. She is picky in terms of what to eat and when.
- Sibling: She has one brother who is younger than her. He is healthy and chubby.

With reference to the given case study,

- i. Mention any **THREE** causes that could be the reason for subject U's mental disorder. (3 Marks)
- ii. Identify the disorder that Subject U is facing with its type. (2 Marks)
- iii. Mention any **FOUR** symptoms that led you to the identification in part ii. (4 Marks)
- iv. Mention the distinctive symptom that led you to classify its type in part ii. (1 Mark)

**OR**

- b. Subject W complained about pain in his shoulders and lower back to his physician. He mentioned that he takes long and brisk walks in the evening and this had led him to develop the problem. He was prescribed with painkillers. Later, the same person visited the physician around 5 to 10 times during a fortnight and had the same complain. He was referred for physiotherapy due to his condition. During a conversation with the therapist, he mentioned that the pain is due to an electrical impulse that is sent to his body through a microchip that have been planted in his body. This chip was planted around 6 months ago while he had gone for a picnic with his family and neighbours. One day, the therapist received a call from him stating that he cannot come for the therapy as his neighbours have surrounded the house and are against him getting any treatment. He was shouting at the top of his voice. The therapist referred that case to a psychiatrist also stating that the subject has, at times, come for therapy looking filthy and not even concerned about his appearance; the subject has mentioned that he tries not to eat for a number of days as he feels he might gain a lot of weight. The people who went to pick up

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Q.7. (Total 10 Marks)

**EITHER**

- a. A psychologist has collected the following data to understand the behaviour of autistic children of both genders ranging between the ages of 8 to 15 years. The data contained scores on logical thinking and linguistic exercises, number of behavioural episodes per week and levels of spectrum of severity of autism.

Using the given information, answer the following questions.

- Identify all the **FOUR** variables used in the given situation. (4 Marks)
- Classify any **THREE** identified variables in terms of the levels of measurement. (3 Marks)
- If one needs to report the analysis of this data, what would be the measurement of central tendency (mean, median and mode) used for the analysis of each of the identified variable? (3 Marks)

**OR**

- b. A group of 30 students appearing in the aptitude test for army recruitment had to give an intelligence test. The following are the raw scores of the test:

90	104	110	107	95	83	186	167	154	134
145	116	89	167	145	132	111	93	177	98
180	165	178	143	123	132	87	165	134	135

The mean, median and mode of the given grouped data is 131.8, 130.5 and 167.16 respectively.

- For a psychologist, what will be the advantage of calculating the measures of central tendency? (1 Mark)
- Has any person's intelligence score affected the mean value? Provide **ONE** reason to support your answer. (2 Marks)
- If the answer to part b is yes, then what measurement of central tendency should be used for the analysis and why? If the answer to part b is no, then what measurement of central tendency should be used for the analysis and why? (1 Mark)
- Suppose you had been asked to administer the test during World War I. This would help to decide, based on their intelligence level, to depute them as foot soldiers, officers, fighter pilots and naval soldiers. The number of positions for each role are mentioned below in the given table: (6 Marks)

	<b>Number of Positions</b>
Foot Soldiers (Spoy)	15
Officers	5
Fighter pilots	2
Naval soldiers	7

What level of intelligence will you recommend for any **THREE** of them and why?





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