Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Joseph Banks Secondary College

Year 11 ATAR Psychology

Assessment Task 5 – In-class Test 2

55 marks (5% Response)

**OUTCOMES:**

|  |  |
| --- | --- |
| *Outcome 1:* | *Psychological understandings* |
| *Outcome 3:* | *Applying and relating psychological understandings* |
| *Outcome 4:* | *Communication in psychology* |

**ALLOCATED TIME FOR THE TASK:**

* *You will have one period to complete the test in class*.

**INSTRUCTIONS:**

* *Attempt all questions*
* *Complete under test conditions (no notes, files etc. to be accessed)*
* *Ensure mobiles phones are switched off and are not on your person*

|  |  |
| --- | --- |
| **Section One – Multiple Choice** | |
| **Total** | **/17** |

|  |  |
| --- | --- |
| **Section Two – Short Answer** | |
| Question 1 – Relational Influences | /6 |
| Question 2 – Communication | /12 |
| Question 3 - Communication | /2 |
| Question 4 – Cognition | /5 |
| Question 5 – Cognition | /16 |
| **Total** | **/32** |

|  |  |
| --- | --- |
| **Total Marks** | |
| Section 1 | /17 |
| Section 2 | /32 |
| **Assessment Task 4 – Total Marks** | **/49 ( %)** |

**Section One – Research Methods**

**Question One (6 marks)**

Dr Chaz is planning an experiment to determine the effect of a study strategy called ‘mind mapping’ on student test scores at Marina Senior College. He used 100, 17-year-old Year 11 Psychology students, 50 of which he taught to use the mind mapping strategy and 50 which he did not.

1. Write an operational hypothesis for this experiment. (3 marks)

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1. State the population from which the sample was drawn. (1 mark) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. State the independent variable: (1 mark)

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1. State the dependent variable: (1 mark)

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**Question Two (3 marks)**

Cognitive test scores for a group of students are listed below. (3 marks)

2, 1, 7, 9, 5, 5, 4, 11

Calculate the following:

Mean:

Median:

Range:

**Question Three (8 marks)**

A psychologist wanted to investigate the relationship between temperature and performance on a test of memory. The psychologist required a sample of 60 adults to participate, firstly in a room where the temperature was 16 °C; and secondly in a room where the temperature was 44 °C.

1. Outline **three** ethical considerations the psychologist must adhere to and **how** they can achieve this. (6 marks)

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Three:

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1. Identify whether this is an experimental or non-experimental study and give a reason for your answer. (2 marks)

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**Section Two- Short Answer Questions**

**Question One – Relational Influences**

Abdul and Anouk are friends who are in their first year at the University of New South Wales. Abdul came from Melbourne while Anouk grew up in Sydney. Abdul is studying Biomedicine whereas Anouk is studying Pharmacology. They have 4 year-long modules together and attend the same lectures. Abdul and Anouk often study together, sharing notes and quizzing each other on the content.

With reference to the *determinants of liking* and utilising evidence from the scenario, explain why Abdul and Anouk are friends (6 marks)

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**Question Two - Communication**

1. Compare the aggressive and assertive communication styles. (4 marks)

Similarities:

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Differences:

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(b) List **three** elements of body language. (3 marks)

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1. Outline the aim, method and conclusions that Matsumato and Ekman (1989) found in their research on facial expressions (5 marks)

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**Question Three – Cognition**

Compare the processes of sensation and perception. (2 marks)

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**Question Four – Cognition**

1. Modern tests use deviation IQs. The formula is IQ = MA/CA x 100

i. Identify what the abbreviation ‘MA’ stands for. (1 mark)

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ii. Identify what the abbreviation ‘CA’ stands for. (1 mark)

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1. Define the term ‘intelligence test’. (1 mark)

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1. Outline two advantages of group intelligence testing. (2 marks)

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1. Jamaal is a grade A student when it comes to child card and hospitality, he finds it easy to understand and respond to the needs of others and finds he picks up fine motor skills in the kitchen really easy such as using a knife properly.

i. According to Howard Gardeners theory of multiple intelligence. What intelligence is Jamaal high in. Explain your answer using examples form the scenario.

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ii. Which theorists coined the term emotional intelligence (1 mark)

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iii. Define emotional intelligence (2 marks)

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iv. Is Jamaal high or low in emotional intelligence, use an example from the scenario as evidence. (2 marks)

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**Question Five – Cognition (18 marks)**

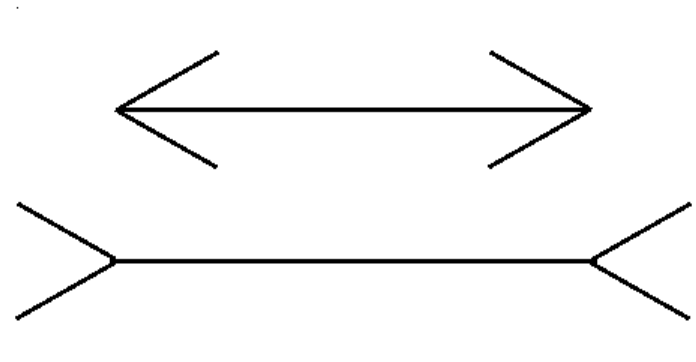
(a) i. State whether or not the following statement is **true** or **false**: “all individuals

presented with an identical stimulus will process it in the same way”. (1 mark)

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(b) i. The Müller-Lyer illusion (shown below) is considered to be a visual illusion.

Define the term ‘visual illusion’. (1 mark)



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ii. Outline one theory of that can be used to explain visual illusions (2 marks)

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iii. Name the feature of the stimulus being consistently misjudged in the Müller-Lyer illusion. (1 mark)

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c) Leonard High School does not allow students to listen to music while doing their classwork due to a large body of published research into the effectiveness of multi-tasking. Using psychological terminology, explain why the school does not allow students to listen to music while they are doing class work. (3 marks)

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1. Define the term consciousness (2 marks)

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1. What is a limitation of using *observation* to measure a person’s state of consciousness? (2 marks)

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Steven is preparing to complete a timed IQ test. He is feeling alert and slightly anxious before the start of the test, however as soon as the test starts he feels calm and confident. Steven concentrates solidly and without a break for the entire hour-duration of the test. Immediately after completing the IQ test Steven, feeling slightly tired and fatigued at his efforts, sits and daydreams for a short period.

Explain the changes in each of the measures of states of consciousness below that Steven would have experienced from before the IQ test began, through to his daydreaming at the end. (6 marks)

1. *Body temperature*:

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1. *Galvanic skin response*:

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1. *Heart rate*:

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