

# PSYCHOLOGY



## VCE Unit 4 Extended Response Questions

### Area of Study 1

#### QUESTION 1

Discuss the differences between classical and operant conditioning by demonstrating your knowledge of the principles that underpin both. Use a real-life example to demonstrate your understanding.

**11 marks**

*Possible marking scheme:*

- Definition of classical conditioning [1 mark]
- Knowledge of classical conditioning principles [2 mark]
- Example of classical conditioning [1 mark]
- Definition of operant conditioning [1 mark]
- Knowledge of operant conditioning principles [2 mark]
- Example of operant conditioning [1 mark]
- Difference in terms of role of the learner [1 mark]
- Difference in terms of timing of stimulus and response [1 mark]
- Difference in terms of nature of response [1 mark]

#### QUESTION 2

Explain one experiment that was conducted by Albert Bandura to investigate observational learning. Report the findings of this experiment and highlight where each stage of observational learning takes place.

**10 marks**

*Possible marking scheme:*

- Knowledge of observational learning [1 mark]
- Explanation of the procedure of Bandura's experiment [2 marks]
- Explanation of the findings of Bandura's experiment [2 marks]
- Identification of the process of attention in the experiment [1 mark]
- Identification of the process of retention in the experiment [1 mark]
- Identification of the process of reproduction in the experiment [1 mark]
- Identification of the process of motivation in the experiment [1 mark]
- Identification of the process of reinforcement in the experiment [1 mark]

#### QUESTION 3

Discuss Watson's experiment on Little Albert by referring to the type of learning involved and how the elements of this type of learning were demonstrated in the scenario. Comment on the processes of stimulus generalisation and stimulus discrimination in the experiment and discuss which ethical guidelines were breached.

**11 marks**

*Possible marking scheme:*

- Identification of classical conditioning [1 mark]
- Identification of the UCS in the scenario [1 mark]
- Identification of the UCR in the scenario [1 mark]
- Identification of the NS in the scenario [1 mark]

- Identification of the CS in the scenario [1 mark]
- Identification of the CR in the scenario [1 mark]
- Discussion of stimulus generalisation in the experiment [1 mark]
- Discussion of stimulus discrimination in the experiment [1 mark]
- Explanation of at least three ethical principles that were breached in the conduct of the experiment [3 marks]

## Area of Study 2

### QUESTION 1

Give an example of a stressful situation and explain why you might have interpreted this situation as stressful by referring to the transactional model of stress and coping. Explain how your body will attempt to deal with the stressor by explaining the response of the body by referring to each stage of the General Adaptation Syndrome. **9 marks**

*Possible marking scheme:*

- Identification of an appropriate stressful situation [1 mark]
- Knowledge of the transactional model of stress and coping [2 marks]
- Relating the transactional model of stress and coping to the scenario [1 mark]
- Explanation of the alarm reaction stage [2 marks]
- Explanation of the resistance stage [1 mark]
- Explanation of the exhaustion stage [1 mark]
- Relationship of GAS to the scenario [1 mark]

### QUESTION 2

Discuss what a phobia is and why it is considered an anxiety disorder. Provide a real life example of a phobia and discuss in detail different psychological therapies that could be undertaken to treat the specific phobia identified. **10 marks**

*Possible marking scheme:*

- Definition of a phobia [1 mark]
- Definition of an anxiety disorder [1 mark]
- Explanation as to why the symptoms of a phobia are characteristic of an anxiety disorder [1 mark]
- Identification of an appropriate phobia [1 mark]
- Identification of at least two appropriate psychological treatments for phobias (such as systematic desensitisation or CBT) [2 marks]
- Discussion of both treatments in relation to managing the phobia [4 marks]

### QUESTION 3

Choose one mental health disorder and discuss its symptoms and characteristics. Discuss the biological, psychological and socio-cultural factors that contribute to the development of this disorder and the interaction between biological, psychological and socio-cultural factors that contribute to its management. **10 marks**

*Possible marking scheme:*

- Identification of an appropriate mental health disorder [1 mark]
- Demonstrate knowledge of mental health disorder [2 marks]

- Discussion of biological contributing factors [1 mark]
- Discussion of psychological contributing factors [1 mark]
- Discussion of socio-cultural contributing factors [1 mark]
- Discussion of biological factors in managing the disorder [1 mark]
- Discussion of psychological factors in managing the disorder [1 mark]
- Discussion of socio-cultural factors in managing the disorder [1 mark]
- Demonstration of the interactive nature of these factors the management of the disorder [1 mark]