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**Answer ALL questions in the spaces provided.**

1. In World War II when naval ships came under attack, a warning bell would ring at 100 chimes per minute. Coming under attack made the sailors afraid and this fear then became classically conditioned to the sound of the bell.

(a) In this example, identify the unconditioned stimulus (UCS), unconditioned response (UCR), neutral stimulus (NS), conditioned stimulus (CS) and conditioned response (CR) in the spaces below.

<b>UCS</b>	→	<b>UCR</b>
.....		.....

<b>(UCS)</b>	+	<b>NS</b>	→	<b>(UCR)</b>
		.....		

<b>CS</b>	→	<b>CR</b>
.....		.....

**(5)**

(b) Some sailors also showed a conditioned response (CR) when they heard a bell chime at 50 or 150 chimes per minute. What is this process called?

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**(1)**

(c) What is meant by the term extinction?

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**(1)**

(d) What is meant by the term spontaneous recovery?

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**(1)**



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(e) Evaluate classical conditioning as an explanation of human behaviour.

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(f) Describe **one** other way from the Learning Approach in which humans can learn behaviour.

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**Q1**

**(Total 16 marks)**

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2. (a) The following six statements refer to Freud's theory of psychosexual development. Place a tick (✓) in the box provided, next to the **three** statements which are true.

Children who fixate in the latent stage usually become criminals.

In the oral stage the most sensitive part of the body is the mouth.

Infants who fixate in the oral stage may become smokers, thumb suckers and pen chewers as adults.

The anal stage occurs between 3-5 years of age.

Harsh potty training in the anal stage can lead to an anal-retentive personality in adulthood.

The genital stage is the second stage of psychosexual development.

**(3)**



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(b) Describe **two** features of the phallic stage of psychosexual development.

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Second feature .....

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3. (a) Outline brain scanning techniques as they are used in the Physiological Approach.

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(b) Evaluate brain scanning techniques in terms of **one** strength and **one** weakness.

Strength .....

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Weakness .....

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**(4)**

(c) Identify **two** characteristics of REM sleep.

First characteristic.....

Second characteristic .....

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(d) Describe **one** physiological theory of dreaming.

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(e) Outline **one** way in which the theory you described in (d), differs from Freud's theory of dreaming, and explain this difference.

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Q3

(Total 16 marks)



4. (a) Describe **one** study from the Learning Approach.

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5. (a) Outline **one** contemporary issue from the Physiological Approach.

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N 2 2 3 7 9 A 0 1 9 2 0

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Dotted lines for writing.

(Total 12 marks)

Q6

TOTAL FOR PAPER: 72 MARKS

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