2 A					

TEST TWO

Name:	Teacher:	Mark:	/47
ANSh	JER KEY	Percentage:	%
Section One: Research r	¥		(10 marks)
Question 1			(6 marks)
	ing localisation of function in the brai series of tasks so she can observe the s stroke.		
	ned the nature and purpose of the tage te the ethical principle that Dr Sarmie	_	participate (1 mark)
Informed	Consent	· · · · · · · · · · · · · · · · · · ·	
(b) Identify the type of	sampling used in the study.		(1 mark)
Convenience	2 sampling		M
	nethod Dr Sarmiento used was experi	mental or non-experimental.	(1 mark)
Non-exper	imental		
	pe of method this study used and exp	lain one advantage of this metl	hod. (3 marks)
Case stuc	9		***************************************
Produces hi	ghly detailed resu sight for future n	L1+5 (1)	
Provides in	sight for future re	esearch	
Further ex	eplanation of ad	vantage (1)	

Positive reinforcement

(4 marks)

Question 2

(b)	State the type of learning that involves the element of extinction.	(1 mark)
	Classical Conditioning	
(c)	Bayley wanted to teach his dog, Misha, to sit on command. When first teaching Misha, Ba say 'sit' and then would give Misha a dog biscuit every time Misha sat on command. After of training sessions, Bayley noticed that Misha began to salivate whenever he said 'sit'.	
	(i) The neutral stimulus is: <u>Saying</u> 'sit'	
	(ii) The unconditioned stimulus is: <u>Dog biscuit</u>	
	(iii) The unconditioned response is: <u>Salivating</u>	W 700
	(iv) The conditioned stimulus is: <u>Saying</u> 'Sit'	
	(v) The conditioned response is: <u>Salivating</u>	

Section Three: Extended answer (19 marks)

Operant conditioning (1)

A definition of the type of learning demonstrated by Kate.

Definition: a learning process in which the likelihood of behaviour being repeated is determined by the consequences of that behaviour (1).

· Definition of the term 'reinforcement'.

Definition: Any event that increases the likelihood that a response or behaviour will occur again (1).

The reinforcement present in Kate's scenario.

Feeling of relief and eating baked beans after opening the can (1).

• Two theorists and their research, the main findings/conclusions of their research and the reinforcements used in the research.

Name of theorist: Skinner (1).

Description of Skinner box with mouse: a typical Skinner box is a small, cage- like chamber. There is little in the box to stimulate the animal. The walls are bare, except for a metal lever, one or more stimulating lights, and a tray or hatch into which food pellets can be dispensed (1).

Mouse presses leaver (1) to get food pellet or drop of water (1).

Reinforcement was food pellet or drop of water (1).

Main finding: The rat did not acquire new skills – the rat was already physically able to depress the lever. The food reward only altered how frequently the rat pressed the lever. In operant conditioning, reinforcement is used to alter the frequency of responses, or to mould them into new patterns. (1).

Name of theorist: Thorndike (1).

Description of puzzle box with cat: he placed a hungry cat inside a wooden box (puzzle box). The box was enclosed on all sides but the cat could see out and even stick its paws out between the wooden slats. The only way for the cat to escape was through a door, which could be opened by pressing a lever inside the box (1). Cat presses leaver (1) to get out and eat fish (1).

Reinforcement was fish (1).

Main finding: Thorndike proposed that the cats had learnt to obtain the fish through acting on their environment in a trial-and-error fashion OR the probability that a response will be repeated is strengthened each time the response is followed by a satisfying state of affairs, while the probability of a response not being repeated is strengthened each time the response is followed by an unsatisfying state of affairs (1).

Quality of extended response	
Well-constructed response with an introduction, conclusion, and well-developed sentences and paragraphs. Consistent use of appropriate psychological language.	3 .
Coherent response with adequate sentence and paragraph structure. Use of clear everyday language.	2
Incoherent response, lack of paragraph structure and/or poor sentence structure. Colloquial language or poor English expression.	1
Response is too brief or irrelevant to be awarded marks	0