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Learning about Learning: A Course on Neurobi...



Because it helps the animal find food more easily	
No, the answer is incorrect. Score: 0	
Accepted Answers: Because it keeps the animal weary and able to react quickly to danger	
8) Habituation and sensitisation effects perform which of the following functions? 0	points
Focus attention on all stimuli present.	f
Direct responses to all stimuli present.	y
Focus attention on background stimuli.	
Focus attention on relevant stimuli.	
No, the answer is incorrect. Score: 0	ir
Accepted Answers: Focus attention on relevant stimuli.	8
9) In Habituation experiments, to rule out response fatigue as the cause for the decreased 0 esponding that occurs over repeated presentations of a stimulus, the researcher should) points
Determine if the subject can still sense the stimulus.	
Determine if the subject is responding to the stimulus in other ways.	
Present a new stimulus that elicits a similar response.	
Present a new stimulus that elicits an unrelated response.	
No, the answer is incorrect. Score: 0	
Accepted Answers: Present a new stimulus that elicits a similar response.	
10)The unconditional response (UR) and conditional response (CR) need not be o ne same in a behaviour paradigm.	points
True.	
False.	
No, the answer is incorrect. Score: 0	
Accepted Answers: True.	
11,Simultaneous conditioning refers to the training paradigm where	1 point
CS is followed by a US after a time delay	
onset of CS and US is delayed and they co terminate	
the US precedes the CS	
US and CS are coincident in time	
No, the answer is incorrect. Score: 0	
Accepted Answers: US and CS are coincident in time	
12Jn Pavlov's experiment, simultaneous conditioning exhibits the least amount of earning.	1 point

True.

False.	
No, the answer is incorrect. Score: 0	
Accepted Answers: True.	
13)Which of these temporal contiguity methods is most effective for learning?	1 point
Simultaneous conditioning	f
Trace conditioning	Y
Delay conditioning	
Backward conditioning	
No, the answer is incorrect. Score: 0	in
Accepted Answers: Delay conditioning	8+
14Contiguity of the CS with US is more important than contingency.	0 points
True.	
False.	
No, the answer is incorrect. Score: 0	
Accepted Answers: False.	
15For a given CS-US pair, what strengthens the CS-US association?	1 point
Equal number of presentations of CS and US during training.	
The number of presentations of CS during training.	
The number of contingent presentations of CS-US during training.	
The number of presentations of US during training.	
No, the answer is incorrect. Score: 0	
Accepted Answers:	
The number of contingent presentations of CS-US during training.	
16 ^A conditional stimulus's (CS) ability to predict an unconditional stimulus (US) is given by	1 point
P(CS) and P(US)	
P(US) alone	
P(US CS) alone	
P(US CS) and P(US no CS)	
Score: 0	
Accepted Answers: P(US CS) and P(US no CS)	
17)A rabbit is placed in a box where a flash of red light (CS) is given on an average of 20 seconds. However, when the red light is off, the rabbit receives an air puff in the eyes (US). Ar trials, the rabbits learn to associate the lack of the red light to the air puff which they respond to closing their eyes (CR). What is the contingency in place to learn this association?	1 point fter a few to by

Desition
Positive
No the answer is incorrect
Score: 0
Accepted Answers: f Negative
18)To test negative contingency
zero baseline response is required
non-zero baseline is required
it is immaterial whether the baseline is zero or non-zero
negative contingency cannot be tested
No, the answer is incorrect. Score: 0
Accepted Answers:
it is immaterial whether the baseline is zero or non-zero
19Bait shyness refers to a rodent's behaviour where they show aversiveness towards a food 1 point associated with
a flavour.
a location.
a scientist/experimenter.
a time of day.
No, the answer is incorrect. Score: 0
Accepted Answers: a flavour.
20)n Garcia and Koelling's experiment to address the inherent associative strength of US-CS, 1 <i>point</i> they attempted to pair two different CS, namely "bright and noisy" flavourless water and "tasty/flavoured" water with two different US, namely stomach malaise (induced by x-rays/lithium chloride) and mild foot shock. Which of the following US-CS associations were made?
Associated "bright and noisy" flavourless water with stomach malaise (induced by x-rays/lithium chloride).
Associated "tasty/flavoured" water with stomach malaise (induced by x-rays/lithium chloride).
Associated "bright and noisy" flavourless water with mild foot shock.
Associated "tasty/flavoured" water with mild foot shock.
No, the answer is incorrect. Score: 0
Accepted Answers: Associated "tasty/flavoured" water with stomach malaise (induced by x-rays/lithium chlor Associated "bright and noisy" flavourless water with mild foot shock.
21)Which of the following is a necessary pre-requisite to carry out Garcia and Koelling's 1 point experiment ?
The rodents prefer "tasty/flavoured" water.

The rodents do not prefer either one of the waters ("bright and noisy" flavourless water or "tasty/flavoured" water) over the other.

The rodents prefer "bright and noisy" tasteless water.

It is immaterial which water the rodents prefer.

The light and sound of the "bright and noisy" flavourless water makes it aversive to drinking the water.

No, the answer is incorrect. Score: 0

Accepted Answers:

The rodents do not prefer either one of the waters ("bright and noisy" flavourless water o "tasty/flavoured" water) over the other.

22)What is the behavioural readout in Garcia and Koelling's experiment?

- The amount of movement and activity.
- The amount of water the rodents consumed.
- The number of jumps made over an obstacle
- The amount of food the rodents consumed.

No, the answer is incorrect.

Score: 0

Accepted Answers:

The amount of water the rodents consumed.

23)All stimuli (CS) have equal propensity to form an association with an unconditional stimulus **1** point (US).

TrueFalse

No, the answer is incorrect. Score: 0 Accepted Answers:

False

24Which experiment provides evidence for the role of prior learning in **1** point associative learning?

Sidman's Avoidance task

- Garcia and Koelling's Bait Shyness task
 - Kamin's Blocking task
 - Rescorla's Contingency experiment

No, the answer is incorrect. Score: 0

Accepted Answers: Kamin's Blocking task

25)The blocking effect demonstrates which of the following?

1 point

0 points

That temporal contiguity is sufficient for associative learning

That CS-US pairings are sufficient for associative learning

That contiguity and CS-US pairings, when they occur together, are sufficient for associative learning

That only CS-US pairings are insufficient for associative learning

No, the answer is incorrect. Score: 0	
Accepted Answers: That only CS-US pairings are insufficient for associative learning	
26)Which part of the Rescorla Wagner model denotes surprise? $\Delta Vn = \alpha$ (Vmax – Vn-1)	point
Ο Δνη	
\bigcirc Alpha (α)	f
Vmax	
Vn-1	
Vmax- Vn-1	
No, the answer is incorrect. Score: 0	in
Accepted Answers:	
Vmax- Vn-1	8+
27)According to Rescorla and Wager (1972), the increase in associative strength of 1 the CS will:	point
Be very slow during the initial trials, but increasingly fast as training continues.	
Be extremely rapid on the initial trials, but will decline and eventually cease with continued trainings.	
Progress at the same rate throughout training.	
Be very slow during the initial and final trials, but fast during the middle of trainings.	
No, the answer is incorrect. Score: 0	
Accepted Answers: Be extremely rapid on the initial trials, but will decline and eventually cease with continued	d training:
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f

in 8+

End

30) A compound stimulus of a dim light and a loud tone are paired together and followed by a **0** points shock in a number of trials with a rat. Then on test trials, the light or tone is presented alone. What should be observed?

- The rat will show an equal fear response to the light and the tone.
- The rat will show a greater fear response to the tone.
- The rat will show a greater fear response to the light.
- The rat will show no fear response; the stimuli cancel each other out.

No, the answer is incorrect.

Accepted Answers:

Score: 0

The rat will show a greater fear response to the tone.

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