

Foundations

TOTAL POINTS 12

1. After a terrible accident in which a spike went through his brain, Phineas Gage had severe damage to his brain, including his frontal lobe. As a result, what happened to him? 1 point
- ☐ a. He lost the ability to produce language.
 - ☐ b. He retained motor control over only half of his body.
 - ☐ c. He was unable to recognize common objects
 - ☒ d. He exhibited significant personality changes.
2. The threshold level for a neuron to fire is a 10. What will happen if the stimulus to the neuron is 8? 1 point
- ☒ a. The neuron will fire, but only at 80% strength
 - ☐ b. The neuron will not fire at all
3. On the somatosensory homunculus, which of the following parts would be the largest? 1 point
- ☒ a. face
 - ☐ b. knee
 - ☐ c. back
 - ☐ d. stomach
4. A split-brain patient is presented with two images: a key is presented on her left side, and a ring is presented on her right side. The patient is asked to report what she sees. How will she respond? 1 point
- ☒ a. ~~The patient will say 'key' because the left hemisphere "sees" the key~~
 - ☐ b. ~~The patient will say 'key' because the right hemisphere "sees" the key~~
 - ☐ c. The patient will say 'ring' because the left hemisphere "sees" the ring
 - ☐ d. The patient will say 'ring' because the right hemisphere "sees" the ring

5. Which of the following is **not** a major premise of Freudian theory?

1 point

- ☒ a. ~~The importance of the unconscious~~
- ☐ b. ~~The importance of early experiences~~
- ☐ c. The importance of self-esteem
- ☐ d. The importance of sexuality

6. According to psychoanalytic theory, which part of the mind corresponds to consciousness?

1 point

- ☒ a. The Ego
- ☐ b. The Id
- ☐ c. The Superego
- ☐ d. The Uberego

7. Karl Popper argued that Freud's theories are not scientific because they lack which of the following?

1 point

- ☒ a. ~~insight~~
- ☐ b. ~~applicability~~
- ☐ c. falsifiability
- ☐ d. replicability

8. Which of the predictions of Freudian theory has held up best over time?

1 point

- ☒ a. ~~the origins of oral and anal personality characteristics~~
- ☐ b. the existence of unconscious mechanisms
- ☐ c. the association between toilet training and later sexual preferences
- ☐ d. the idea that psychoanalysis is the most effective method of treatment

9. After living there for a while, Jan no longer notices the sound of the air conditioner at her apartment. This is an example of:

1 point

- ☒ a. ~~classical conditioning~~

- ☐ ~~b. operant conditioning~~
- ☐ c. habituation
- ☐ d. discrimination

10. **True or False:** Classical conditioning is the most effective when the CS (or conditioned stimulus) comes immediately before the UCS (or unconditioned stimulus)

1 point

- ☒ a. true
- ☐ b. false

11. Kelly's father really annoys her by complaining about Kelly's messy room, but he stops complaining when she starts to clean.

1 point

Which technique has her father used to make her clean?

- ☒ a. ~~positive punishment~~
- ☐ b. ~~positive reinforcement~~
- ☐ c. negative reinforcement

12. A local radio station gives away concert tickets at random times everyday to reward listeners.

1 point

What schedule of reinforcement are they using?

- ☒ a. ~~fixed interval~~
- ☐ b. variable interval
- ☐ c. fixed ratio
- ☐ d. variable ration



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