Assignment 3

The due date for submitting this assignment has passed. Due on 2018-02-28, 23:59 IST.
As per our records you have not submitted this assignment.

1) Which is the pleasure centre in the brain?

- Hippocampus
- Both of these
- Ventral tegmental area
- None of these

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

2) Which of these is not a component of Limbic system?

- Cingulate Gyrus
- Hippocampus
- Parahippocampal Gyrus
- Ventricles

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

3) Lesions in Orbitofrontal cortex affect emotions.

- True
- False

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

4) Amygdala is responsible for?

- Emotional processing
- Sexual behaviour
- Both of these
- None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
5) Long term depression during long term memory formation is associated with which of the following?  
- Increase in GABA  
- Decrease in GABA  
- Increase in Glutamate  
- Decrease in Glutamate  

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

6) Epinephrine plays an important role in emotional memory.  
- True  
- False  

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

7) Orbitofrontal cortex is majorly implicated in sexual arousal.  
- True  
- False  

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

8) Which of the following model for brain networks has ability to learn?  
- Pitts model  
- Perceptron model  
- Perceptron and Pitts model  
- Neither Perceptron nor Pitts  

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

9) Which of the following is a working assumption of Neural Networks?  
- Neurons typically use one-way pathways  
- Specialized neurons are used in artificial neural nets to model brain  
- Nervous system is formed into arrays or maps of neurons  
- Pyramidal cell assemblies underlie the change from transient to stable, lasting connections.  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Nervous system is formed into arrays or maps of neurons

10) The priming of neighbouring neurons leading to establishment of distinctive firing patterns during memory formation was proposed by?  
- Hopfield  
- Hebb  
- Papez  
- Helmhotz

https://onlinecourses-archive.nptel.ac.in/noc18_hs04/unit?unit=36&assessment=73
No, the answer is incorrect.
Score: 0
Accepted Answers:
Hebb