Assignment 8

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) __________ neurotransmitters cause depolarisation and promote action potential generation

- Inhibitory
- Excitatory
- Amino acid
- Tetrodotoxin

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

2) The stretch receptors within the body of a muscle with an ability to sense the change in length of a muscle are called ____________

- nephron
- muscle circle
- muscle spindle
- neuron

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

3) Energy content of a sound determines its intensity measured in ____________

- hertz
- decibels

Score: 0
Accepted Answers: decibels

Due on 2019-03-27, 23:59 IST.
4) The part of the axon which is reaching up to the spinal cord will be myelinated by the __________ and part of the axon which is entering inside the spinal cord will be myelinated by the __________

- schwann cells, schwann cells
- schwann cells, oligodendrocytes
- oligodendrocytes, oligodendrocytes
- oligodendrocytes, schwann cells

No, the answer is incorrect.
Score: 0
Accepted Answers:
- schwann cells, oligodendrocytes

5) Potentially deadly forms of poisoning results from eating sea food containing neurotoxins, poisons that affect primarily neurons. Several neurotoxins such as __________ prevent sodium from entering voltage gated sodium channels

- Cannabis
- Influenza virus
- Tetrodotoxin (TTX)
- 2AP

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Tetrodotoxin (TTX)

6) Skeletal muscles differentiate into two types, which of these is true.

- Population of extrafusal > Population of intrafusal
- Population of extrafusal < Population of intrafusal
- Population of extrafusal = Population of intrafusal
- Skeletal muscle does not differentiate into intrafusal and extrafusal

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Population of extrafusal > Population of intrafusal

7) Pressure waves distort the basilar membrane and push the __________ of the organ of corti against tectorial membrane

- cupula
- saccule
- hair cells
- cochlear duct

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

8) When acetyl choline molecules bind to the muscle, they open ________ channels in the muscle

- specific cation
9) In the balance area of ear, the movements of Oto Liths is regulated by

- voltage-sensitive calcium channels
- mechano-sensitive calcium channels
- voltage-sensitive sodium channels
- mechano-sensitive sodium channels

No, the answer is incorrect.
Score: 0
Accepted Answers:
- mechano-sensitive sodium channels

10) The two nostrills are separated by a piece of ____________ called nasal septum

- bone
- cartilage
- skin
- ligament

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