Unit 6 - Week 5: Neural System

Assignment 5

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-06, 23:59 IST.

1) Calcium in the cells, is mostly stored in

- endoplasmic reticulum
- golgi bodies
- sarcoplasmic reticulum
- nucleus

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

2) Which of these constitute lipids

- only polar head
- only hydrophobic tail
- both a and b
- none of the above

No, the answer is incorrect.
Score: 0
Accepted Answers: both a and b

3) All the cells remain in a ___________ polarized state

- negatively
- positively
- neutrally
- zero

Score: 0
1) depolarised
   - negatively polarised
   - leaky
   - permanently unexcitable

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

5) Myelin sheath is made up of __________

   - microglia
   - astrocytes
   - neuron
   - schwann cells

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

6) __________ is an inhibitory neurotransmitter

   - glutamate
   - acetylcholine
   - GABA
   - NO

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

7) __________ myelinate CNS axons, provide structural framework

   - Astrocytes
   - Purkinje neurons
   - Oligodendrocytes
   - Schwann cells

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

8) The resting potential reflects primarily the high membrane permeability to

   - sodium ion
   - potassium ion
   - chloride ion
   - calcium ion

No, the answer is incorrect.
Score: 0
9) The equilibrium potential of K\(^+\) ion is about

- -90 mV
- +10 mV
- +66 mV
- -70 mV

No, the answer is incorrect.
Score: 0
Accepted Answers:
-90 mV

10) Before an action potential can begin, an area of excitable membrane must be __________ to the threshold by the local currents

- hyper polarised
- polarised
- depolarised
- activated

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