

Yakeen NEET 2.0 2026

Zoology By Samapti Sinha Ma'am

Structural Organization in Animals

DPP: 7

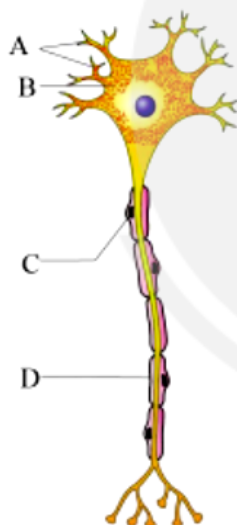
Q1 Units of nervous system are

- (A) Cyton
- (B) Axon
- (C) Neuroglial cells
- (D) Neurons

Q2 Nissl's granules are present in _____ part of a neuron

- (A) Cyton
- (B) Synaptic knobs
- (C) Axon
- (D) Nerve endings

Q3 Which one of the following is not correctly identified w.r.t neuron?



- (A) C - Schwann cell
- (B) A - Dendrites fibres
- (C) D - Nodes of Ranvier
- (D) B - Nissl's granules

Q4 When a neuron is stimulated, the electrical signal travels along the _____.

- (A) plasma membrane

(B) cytoplasm

(C) cytoskeleton

(D) extracellular matrix

Q5 Given below are two statements. One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion: Neural tissue exerts the greatest control over the body's responsiveness to changing conditions.

Reason: When a neuron is suitably stimulated, an electrical disturbance is generated which swiftly travels along its plasma membrane. This triggers events that may cause stimulation or inhibition of adjacent neurons and other cells.

In the light of the above statements, choose the **correct** answer from the option given below.

- (A) Both (A) and (R) are correct but (R) is not the correct explanation of (A).
- (B) (A) is correct but (R) is not correct.
- (C) (A) is not correct but (R) is correct.
- (D) Both (A) and (R) are correct and (R) is the correct explanation of (A)

Q6 The unit of nervous system is

- (A) Cyton
- (B) Dendrites
- (C) Neuroglial cells
- (D) Neurons

Q7 Which statement is not correct regarding neural tissue?

- (A) Neurons are the unit of neural system.
- (B)



Neuroglial tissues are more than half the volume of neural tissues of body.

- (C) Neural tissue exerts the greatest control over the body's responsiveness.
(D) Neurons and neuroglial cells, both are excitable cells.

Q8 Neuroglia is to

- (A) Protect neurons
(B) Support neurons
(C) Make up more than one-half the volume of neural tissue
(D) All of the above

Q9 Select the incorrect match.

- (A) Skeletal muscle – Protects the heart
(B) Compound epithelium – Protection against chemical and mechanical stress
(C) Bones – Protects soft tissues and organs
(D) Neuroglia – Protects and support neurons

Q10 Which of the following given statements is/are false?

- (i) Neuroglia makes up more than one-half of the volume of neural tissue in our body.
(ii) Neuroglia protects and supports neurons.
(iii) When a neuron is suitably stimulated, an electrical disturbance is generated which swiftly travels along its cytosol.
(iv) The arrival of the disturbance at the neuron's endings triggers stimulation or inhibition of adjacent neurons or other cells.
(A) (i) and (iv) (B) (ii) and (iii)
(C) (iii) only (D) (iv) only

Q11 I. Epithelial, II. Connective, III. Muscular, IV. Neural
Human heart is made up of which of the given tissues?

- (A) (I), (III)
(B) (II), (III), (IV)
(C) (I), (III), (IV)
(D) (I), (II), (III), (IV)



Answer Key

Q1 (D)

Q2 (A)

Q3 (C)

Q4 (A)

Q5 (D)

Q6 (D)

Q7 (D)

Q8 (D)

Q9 (A)

Q10 (C)

Q11 (D)



[Android App](#)

| [iOS App](#)

| [PW Website](#)

