



Quiz Time

Histology 19

done by: lemar fadel

Corrected by: sadeen alzomat

Histology 19

1-What are the supporting cells in the central nervous system called?

- a. Schwann cells
- b. Basket cells
- c. Ganglion
- d. Neuroglia
- e. Satellite cells

Answer: d

2-What is the cell body of a neuron called?

- a. Ganglion
- b. Perikaryon
- c. Astrocyte
- d. Nissl
- e. Terminal bouton

Answer: b

3-Which of the following structures are the primary components of the central nervous system (CNS)?

- A. Brain and spinal cord
- B. Nerves and ganglia
- C. Brain and peripheral nerves
- D. Spinal cord and sensory receptors

Answer: A

4-Which of the following statements about Nissl bodies is correct?

- A. They are composed of smooth endoplasmic reticulum and are found in axons.
- B. Nissl bodies are found throughout the neuron, including the axon terminals.
- C. They consist of rough endoplasmic reticulum and free ribosomes, and are absent from axons.
- D. Nissl bodies store neurotransmitters and are only located in the nucleus.

Answer: C.

5-Which of the following forms myelin in the peripheral nervous system?

- a. Schwann cells
- b. Basket cells
- c. Ganglion
- d. Neuroglia
- e. Satellite cells

Answer: a

Histology 19

6-Which type of connective tissue surrounds the entire nerve trunk and provides structural support?

- A. Endoneurium
- B. Perineurium
- C. Epineurium
- D. Myelin

Answer: C.

7-Which of the following forms myelin in the central nervous system?

- a. Astrocytes
- b. Ependymal cells
- c. Oligodendrocytes
- d. Microglia
- e. Schwann cells

Answer: c

8-What is the covering of a nerve fiber?

- a. Neurium
- b. Perineurium
- c. Epineurium
- d. Endoneurium
- e. None of the above

Answer: d

9-Which of the following is found in the peripheral nervous system?

- a. Astrocytes
- b. Ependymal cells
- c. Oligodendrocytes
- d. Microglia
- e. Schwann cells

Answer: e



Quiz Time

Histology 20

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Histology 20

1-Which cell is a macrophage found in the central nervous system?

- a. Kupffer cells
- b. Histiocyte
- c. Dust cell
- d. Langerhans cell
- e. Microglia

Answer: e

2-Which of the following is involved in the blood brain barrier?

- a. Astrocytes
- b. Ependymal cells
- c. Oligodendrocytes
- d. Microglia
- e. Schwann cells

Answer: a

3-Which of the following is NOT considered neuroglia?

- a. Astrocytes
- b. Ependymal cells
- c. Oligodendrocytes
- d. Microglia
- e. Schwann cells

Answer: e

4-What are the main components of a ganglion?

- A. Axons and blood vessels
- B. Nerve cell bodies and nerve fibers
- C. Bones and connective tissue
- D. Synaptic vesicles and neurotransmitters

answer:B

5-What is the function of a synapse in the nervous system?

- A. To generate blood cells
- B. To store calcium for muscles
- C. To transmit signals between nerve cells
- D. To protect the brain from injury

answer:C

Histology 20

6-What is the main function of craniospinal ganglia?

- A. To control voluntary muscle movements
- B. To store cerebrospinal fluid
- C. To transmit sensory information to the central nervous system
- D. To produce red blood cells

answer:C

7-What best describes an axodendritic synapse?

- A. A synapse between two axons
- B. A synapse between an axon and a dendrite
- C. A synapse between two dendrites
- D. A synapse between an axon and a muscle cell

answer:B



Quiz Time

Histology 21

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Histology 21

1-Which of the following structures is found in the tunica intima of a blood vessel?

- A. Smooth muscle cells
- B. Loose connective tissue only
- C. Endothelium and internal elastic lamina
- D. Vasa vasorum and vasomotor nerves

answer:c

2-Which layer of the aorta wall is mainly composed of fenestrated elastic laminae and smooth muscle fibers?

- A. Tunica adventitia
- B. Tunica intima
- C. Tunica media
- D. Endothelium

answer:C

3-Which of the following best describes continuous capillaries?

- A. They have large pores and an incomplete basement membrane
- B. They have fenestrations and are found in endocrine glands
- C. They have no fenestrae and are completely surrounded by a continuous basement membrane
- D. They are lined with cuboidal cells and have large intercellular gaps

answer:C.

4-Which layer in an artery contains the endothelium?

- a. Tunica intima
- b. Tunica media
- c. Tunica externa
- d. All of the above
- e. None of the above

Answer: a

5-Which layer in an artery is primarily smooth muscle?

- a. Tunica intima
- b. Tunica media
- c. Tunica externa
- d. All of the above
- e. None of the above

Answer: b

Histology 21

6-Which layer in an elastic artery is the largest thickest?

- a. Tunica intima
- b. Tunica albuginea
- c. Tunica externa
- d. Tunica vaculosa
- e. Tunica media

Answer: e

7-Which structure contains pores?

- a. Continuous capillaries
- b. Fenestrated capillaries
- c. Sinusoidal capillaries
- d. AV anastomoses
- e. Venous sinus

Answer: b