



BIOLOGY

NEET & AIIMS

MOCK_TEST_02

Example

1. The she of smooth muscle fibre is

A. Cylindrical

B. Fusiform

C. Oval

D. Round

Answer: B



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2. Smooth muscles are

A. Unstriated, involuntary, uninucleate, lines
the visceral organs

B. Striped, voluntary, multinucleate, lines the visceral organs

C. Unstriped, involuntary, multinucleate, lines the visceral organs

D. Striped, voluntary, uninucleate, lines the visceral organs

Answer: A



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3. Multi-unit smooth muscle is seen in

A. Stomach

B. Intestine

C. Urinary bladder

D. Large blood vessel

Answer: D



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4. Find the wrong statement regarding intercalated disc found in cardiac muscle

A. Exclusive feature of cardiac muscle

B. Junction between adjacent cells

C. Densely stained cross bands

D. Have no role in the contraction of muscle

Answer: D



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5. Find the incorrect statement regarding skeletal muscles.

- A. They are the most abundant type of muscle found in the body
- B. They undergo rapid contraction
- C. They do not get tired
- D. They are found attached to bones

Answer: C



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6. Striated muscles are

A. Multinucleate and nuclei are peripheral

in position

B. Multinucleate and nucleus is central in

position

C. Multinucleate and nuclei are central in

position

D. Uninucleate and nucleus is peripheral in position

Answer: A



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7. The presence of light and dark band is a feature of

A. Cardiac muscle

B. Skeletal muscle

C. Smooth muscle

D. Both (1) & (2)

Answer: D



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8. Z line or Krause membrane is present in the

A. I band

B. A band

C. H band

D. Both (1) & (2)

Answer: A



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9. The muscles of the face are

A. Striated muscle

B. Non-striated muscle

C. Cardiac

D. Both (1) & (2)

Answer: A



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10. Neuroglial cells support and protect the neurons and it comprises

A. Less than $1/2$ the volume of the neural tissue

B. More than $1/2$ the volume of the neural tissue

C. More than $\frac{2}{3}$ the volume of the neural tissue

D. Less than $\frac{1}{4}$ the volume of the neural tissue

Answer: B



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11. The correct sequence of the membranes of the nerve of PNS from inside to outside is

A. Axolemma → neurilemma →

endoneurium → perineurium →

epineurium

B. Axolemma → neurilemma →

endoneurium → epineurium →

perineurium

C. *Neuri* ≤ *mmatoaxo* ≤ *mmato*

endo ≠ *uriumto* per ∈ *euriumto*

epineurium

D. Axolemma → neurilemma →

perineurium → endoneurium →

epineurium

Answer: A



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12. Myelin sheath is formed by

A. Schwann cells

B. Oligodendrocytes

C. Microglial cells

D. Astrocytes

Answer: B



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13. Bipolar neurons are found in

A. Olfactory epithelium

B. Retina of eye

C. Both (1) & (2)

D. Dorsal root ganglion of spinal cord

Answer: C



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14. Multipolar neurons have

A. One axon and several dendrites

B. One dendron and several axons

C. They are most common and present in

brain and spinal cord

D. Both (10 & (3) are correct

Answer: D



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