



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 15 (solutions)

Class: IX

Sub: LIFE SCIENCE

Date: 23.04.2020

Topic: Animal tissues :Types of Muscular tissue and Nervous tissue F.M. : 15

Choose the correct option:

(1x15=15)

1. The following are the types of muscular tissue :

- a) Skeleton muscles b) Smooth muscles c) Cardiac muscles d) All of these

Answer : All of these (d)

2. Muscles present in the visceral organs:

- a) Smooth muscles b) striated muscles c) cardiac muscles d) all of these

Answer : Smooth muscles (a)

3. Striations are present on the following type of muscle:

- a) Cardiac muscles b) Voluntary muscles c) Smooth muscles d)Both (a) and (b)

Answer : Both (a) and (b) (d)

4. Dark and light bands of striated muscles are made up of:

- a) Actin b) Myosin c) Myosin and actin respectively d) Actin and myosin respectively

Answer : myosin and actin respectively (c)

5. Muscles that works by the desire of the individual are:

- a) Smooth muscles b) striated muscles c) smooth and cardiac muscles d) heart muscles

Answer : striated muscles (b)

6. Smooth muscles are called so because:

- a) They do not have striations b) they have striations c) they have large nucleus
d) they are present on lining of the wall

Answer : they do not have striations (a)

7. Function of involuntary muscles:

- a) Peristalsis b) Contraction of urinary bladder c) constriction of blood vessels d) all of these

Answer : All of these (d)

8. Characteristic of cardiac muscles:
a) Presence of dark and light bands b) presence of intercalated disc c) Spindle shaped structure d) Both (a) and (b)
Answer : Both (a) and (b) (d)
9. A special structure present in the heart muscles which render them to work without getting fatigue:
a) Intercalated disc b) large nucleus c) presence dark and light bands d) all of these
Answer : intercalated disc (a)
10. Nervous tissue is not found in:
a) Brain b) Spinal cord c) Blood d) nerves
Answer : Blood (c)
11. The muscles which do not get fatigue:
a) Smooth muscles b) cardiac muscles c) striated muscles d) none of these
Answer : Cardiac muscles (b)
12. The non neurone cells of nervous tissue are:
a) Neuroglial cells b) Nissl bodies c) axon d) nerves
Answer : Neuroglial cells (a)
13. The structure which makes the axon insulated:
a) cyton b) myelin sheath c) neurilemma d) dendrites
Answer : myelin sheath (b)
14. The nodes of Ranvier are present for providing:
a) Rigidity to the axon b) shape to the axon c) transmission of nerve impulse d) All of these
Answer : transmission of nerve impulse (c)
15. The function of neuroglial cells:
a) Transmission of nerve impulse b) convert stimuli into impulse c) Supporting cells d) all of these
Answer : Supporting cells (c)

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