



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 28

Class: IX

Sub: LIFE SCIENCE

Date: 19.06.2021



Topic: Ch 2(part 12)Animal tissues :Types of Muscular tissue and Nervous tissue F.M. : 15

Choose the correct option:

(1x15=15)

- The following are the types of muscular tissue :
 - Skeleton muscles
 - Smooth muscles
 - Cardiac muscles
 - d) All of these**
- Muscles present in the visceral organs:
 - a) Smooth muscles**
 - striated muscles
 - cardiac muscles
 - all of these
- Striations are present on the following type of muscle:
 - Cardiac muscles
 - Voluntary muscles
 - Smooth muscles
 - d)Both (a) and (b)**
- Dark and light bands of striated muscles are made up of:
 - Actin
 - Myosin
 - c) Myosin and actin respectively**
 - Actin and myosin respectively
- Muscles that works by the desire of the individual are:
 - Smooth muscles
 - b) striated muscles**
 - smooth and cardiac muscles
 - heart muscles
- Smooth muscles are called so because:
 - a) They do not have striations**
 - they have striations
 - they have large nucleus
 - they are present on lining of the wall
- Function of involuntary muscles:
 - Peristalsis
 - Contraction of urinary bladder
 - constriction of blood vessels
 - d) all of these**
- Characteristic of cardiac muscles:
 - a) Presence of dark and light bands**
 - presence of intercalated disc
 - Spindle shaped structure
 - d) Both (a) and (b)**
- A special structure present in the heart muscles which render them to work without getting fatigue:
 - a) Intercalated disc**
 - large nucleus
 - presence dark and light bands
 - all of these
- Nervous tissue is not found in:
 - Brain
 - Spinal cord
 - c) Blood**
 - nerves

11. The muscles which do not get fatigue:
a) Smooth muscles **b) cardiac muscles** c) striated muscles d) none of these
12. The non neuron cells of nervous tissue are:
a) Neuroglial cells b) Nissl bodies c) axon d) nerves
13. The structure which makes the axon insulated:
a) cyton **b) myelin sheath** c) neurilemma d) dendrites
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
15. The function of neuroglial cells:
a) Transmission of nerve impulse b) convert stimuli into impulse **c) Supporting cells** d) all of these

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