**Neha Malhotra** **R.L. Institute M: 9416974837**

**Max Time : 1 hr** **Class = 11th Biology Test Max Marks : 25**

**Topic: Locomotion and Movement ; Neural Control & Co-ordination**

1. Multiple choice questions : [ 1 X 5 = 5 ]
2. In the centre of each I band , there is a dark band called :

|  |  |  |  |
| --- | --- | --- | --- |
| a) I – line | b) Z – line | c) A – line | d) H – zone |

1. Skeletal muscles contraction is initiated by signal sent by :

|  |  |  |  |
| --- | --- | --- | --- |
| a) CNS | b) PNS | c) ANS | d) Neurotransmitter |

1. Actin binding sites are located on :

|  |  |  |  |
| --- | --- | --- | --- |
| a) troponin | b) tropomyosin | c) meromyosin | d) both (a) and (b) |

1. ATPase of the muscles is located in :

|  |  |  |  |
| --- | --- | --- | --- |
| a) Actin | b) troponin | c) myosin | d) actin |

1. Name the ion responsible for unmasking the active site of myosin for cross-bridges activity during muscles contraction.

|  |  |  |  |
| --- | --- | --- | --- |
| a) Na+ | b) Cl – | c) Ca2+ | d) HCO – |

1. Define Cerebrospinal fluid. [ 1 ]
2. Define Synapsis. [ 1 ]
3. What do you mean by grey matter and white matter. [ 1 ]
4. Define Rigor mortis. [ 1 ]
5. Define Sarcomere. [ 1 ]
6. Name the muscular disorder that is inheritable? [ 1 ]
7. Define Amoeboid and Flagellar movement. [ 2 ]
8. Differentiate between cerebrum and cerebellum. [ 2 ]
9. Define different parts of mid brain. [ 2 ]
10. How many bones present in cranium? Name them. [ 2 ]
11. Explain the mechanism of regulation of nerve impulse. [ 3 ]
12. Draw labelled diagram of neuron and explain parts between them. [ 3 ]

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