

SYBSC UNIT II SEM 4
MOVEMENT AND LOCOMOTION – QUESTION BANK

1. Explain the types of muscular tissue?
2. State the properties of muscle tissue?
3. Explain the structural organization of muscle fibre.
4. Elaborate an arrangement of fascia.
5. State the structural organization of myofibril.
6. State sarcomere and its components?
7. With the help of diagram, elaborate on characteristic zones and bands of sarcomere.
8. write a note on muscle contractile protein?
9. Explain the sliding filament mechanism?
10. Elaborate the contraction cycle.
11. Explain relaxation cycle.
12. "Proteins play in important role in muscle contraction" justify the statement by providing detailed explanation.
13. State and explain neuromuscular junction.
14. Explain the microscopic anatomy of a skeletal muscle fibre.
15. How the skeletal muscle fiber get energy for marathon.
16. Differentiate between nasy and nutational movement
17. Briefly explain the movement exhibited by touch me not plant.
18. Citing examples differentiate between tropic and nastic movements.
19. Write a note on tropism & mention its types.
20. Elaborate two types of cyclosis.
21. Write a note on amoeboid movements with mechanism & examples.
22. Write a note on chemotaxis and phototaxis.
23. Give detailed explanation of non directional movement of curvature.
24. A plant always bends towards the sunlight. Give detailed reason o support this type of movement.

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