



GOOD MARKS CLASSES

Concepts • Practice • Confidence

Class 9 Science | Tissues In Action

MCQ WORKSHEET • 15 questions • Choose one correct option • Suggested time: 25 minutes

1. A root grows longer mainly because cells divide in the:

- A. Apical meristem
- B. Cork
- C. Epidermal hair
- D. Mature xylem

2. Increase in stem girth is mainly associated with:

- A. Leaf epidermis
- B. Root cap
- C. Lateral meristem
- D. Apical meristem alone

3. A young stem bends without breaking. The supporting tissue is usually:

- A. Cork
- B. Sclerenchyma
- C. Collenchyma
- D. Xylem vessel

4. Thick lignified walls and dead mature cells identify:

- A. Sclerenchyma
- B. Meristem
- C. Collenchyma
- D. Parenchyma

5. Water rising from roots mainly travels through:

- A. Xylem
- B. Epidermis
- C. Cork
- D. Phloem

6. Sugars made in leaves reach growing roots chiefly through:

- A. Xylem vessels only
- B. Phloem
- C. Cork
- D. Root hairs

7. Large air spaces in aquatic plant tissue mainly aid:

- A. Seed production
- B. Lignification
- C. Blood transport
- D. Buoyancy

8. Which tissue forms the thin lining of lung alveoli?

- A. Bone
- B. Cartilage
- C. Squamous epithelium
- D. Striated muscle

9. Cilia on respiratory epithelial cells help:

- A. Transmit nerve impulses
- B. Store calcium
- C. Move mucus and trapped particles
- D. Pump blood

10. Which connective tissue links muscle to bone?

- A. Adipose tissue
- B. Ligament
- C. Tendon
- D. Cartilage

11. Which tissue joins one bone to another at a joint?

- A. Epithelium
- B. Ligament
- C. Tendon
- D. Neuron

12. Branched, striated, involuntary muscle occurs in the:

- A. Heart
- B. Biceps
- C. Urinary bladder
- D. Intestinal wall

13. Movement of food through the intestine uses mainly:

- A. Skeletal muscle
- B. Cartilage
- C. Smooth muscle
- D. Bone

14. A neuron is specialised for:

- A. Storing fat
- B. Receiving and transmitting signals
- C. Forming a rigid skeleton
- D. Transporting oxygen

15. Which joint allows the shoulder to move in many directions?

- A. Ball-and-socket
- B. Pivot at the neck
- C. Fixed joint
- D. Hinge

ANSWER KEY — check after completing all 15 questions

1.A 2.C 3.C 4.A 5.A 6.B 7.D 8.C 9.C 10.C 11.B 12.A 13.C 14.B 15.A

Original exam-style practice • Reference notes: www.physics.guru/cbse-practice-papers/ • Not an official paper

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