



GRADE 9TH MATHS
CHAPTER 6

TISSUES

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Tissues Class 9 MCQs Questions

Question 1.

Which tissue is present at the growing tips of stem and roots ?

- (a) Permanent
- (b) Meristematic
- (c) Conductive
- (d) Complex

Question 2.

Blood is a type of:

- (a) connective tissue
- (b) muscular tissue
- (c) nervous tissue
- (d) epithelial tissue

Question 3.

Brain is composed of:

- (a) muscular tissue
- (b) connective tissue
- (c) nervous tissue
- (d) epithelial tissue

Question 4.

The heart of organisms is made up of:

- (a) muscular tissue
- (b) connective tissue
- (c) nervous tissue
- (d) epithelial tissue

Question 5.

Skin of hand is composed of:

- (a) muscular tissue
- (b) connective tissue
- (c) nervous tissue
- (d) epithelial tissue

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Question 6.

Water and minerals are transported by:

- (a) phloem
- (b) cavities
- (c) xylem
- (d) all of them

Question 7.

Stomata are found:

- (a) in the epidermis of leaf
- (b) in xylem
- (c) in phloem
- (d) collenchyma

Question 8.

Which muscles act involuntarily?

- (i) Striated muscles
 - (ii) Smooth muscles
 - (iii) Cardiac muscles
 - (iv) Skeletal muscles
- (a) (i) and (ii)
 - (b) (ii) and (iii)
 - (c) (iii) and (iv)
 - (d) (i) and (iv)

Question 9.

Which is not a function of epidermis?

- (a) Protection from adverse condition
- (b) Gaseous exchange
- (c) Conduction of water
- (d) Transpiration

Question 10.

Cartilage is not found in:

- (a) nose
- (b) ear
- (c) kidney
- (d) larynx

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11. Cardiac muscles are
 - (a) smooth, spindle shaped and involuntary
 - (b) striated, syncytial and involuntary
 - (c) striated, syncytial and voluntary
 - (d) striated, cross-connected and involuntary

12. There are specific regions of plant body that constantly remain in the state of division. What are they?
 - (a) Perisperm
 - (b) Endosperm
 - (c) Meristem
 - (d) Stele

13. Muscles, which are immune to fatigue are
 - (a) unstriped muscles
 - (b) cardiac muscles
 - (c) jaw muscles
 - (d) skeleton muscles

14. Which of the following helps in increasing the width and the girth of the plants?
 - (a) Apical meristem
 - (b) Lateral meristem
 - (c) Intercalary
 - (d) Permanent tissue

15. Which of these features is associated with plasma membrane?
 - (a) Permeable
 - (b) Impermeable
 - (c) Selectively permeable
 - (d) Both (a) and (b)

16. Which of the following meristems helps to increase girth of the stem?
 - (a) Apical meristem
 - (b) Lateral meristem
 - (c) Intercalary meristem
 - (d) Vertical meristem

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Fill in the Blanks.

Question 11.

_____ is a group of cells similar in structure and function.

Question 12.

_____ can be epithelial, connective, muscular and nervous tissue.

Question 13.

_____ is made of neurons that receive and conduct impulses.

Question 14.

The cells of permanent tissues do not _____

Question 15.

When parenchyma contains chloroplast, then it is called _____

Question 16.

_____ is the meristem at the base of the leaves or internodes of stem.

Question 17.

When many tissues join together, they form an _____

Question 18.

Phloem _____ food from leaves to other parts of the plant.

Question 19.

_____ transports the water and minerals absorbed by roots to the other parts of the plant.

True/False.

Question 20.

Meristematic tissue is the dividing tissue present in the growing regions of the plant.

Question 21.

Blood and lymph are vascular connective tissue.

Question 22.

Heart muscles are voluntary muscles.

Question 23.

Cartilage is present in the nose and larynx.

Question 24.

Cork cambium is an example of lateral meristem.

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Question 25.

Parenchyma with large air cavities are called aerenchyma.

Question 26.

Liginified thickened walls provide mechanical strength to the plant.

Question 27.

Heart muscles are connected with skeleton.

Match the Column.

Question 28.

A	B
1. Connective tissue	(i) Sclerenchyma
2. Nervous tissue	(ii) Voluntary as well as involuntary muscles
3. Coir of coconut	(iii) Involuntary muscles
4. Muscles of the heart	(iv) Phloem
5. Eyelid	(v) Neuron
	(vi) Blood

Question 29.

A	B
1. Fluid connective tissue	(i) Subcutaneous layer
2. Filling of space inside the organs	(ii) Cartilage
3. Striated muscle	(iii) Skeletal muscle
4. Adipose tissue	(iv) Areolar tissue
5. Surface of joints	(v) Blood
6. Stratified squamous epithelium	(vi) Skin

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ASSERTION AND REASON

DIRECTION : In each of the following questions, a statement of Assertion is given and a corresponding statement of Reason is given just below it. Of the statements, given below, mark the correct answer as:

- (a) Both assertion and reason are true and reason is the correct explanation of assertion.
 - (b) Both assertion and reason are true but reason is not the correct explanation of assertion.
 - (c) Assertion is true but reason is false.
 - (d) Both Assertion and Reason are false.
1. **Assertion :** Parenchyma cells help in storage of food.
Reason : Parenchyma cells are the main seats of photosynthesis.
 2. **Assertion :** Vascular or conductive tissue is a distinctive feature of complex plants.
Reason : Vascular tissue has made survival of complex plants possible in terrestrial environment.
 3. **Assertion :** The inner lining of intestine has tall epithelial cells.
Reason : Columnar epithelium facilitates absorption and secretion.
 4. **Assertion :** Permanent tissue is composed of mature cells.
Reason : Meristematic tissue is a group of actively dividing cells.
 5. **Assertion :** Most of plant tissues are dead.
Reason : Due to sedentary existence of plants, dead cells provide mechanical strength more easily than live ones and need less maintenance.

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6. **Assertion :** Ciliated epithelium helps in movement of particles.
Reason : Cilia help in movement.
7. **Assertion :** Meristematic tissues constitute the major portion of the plant body.
Reason : Meristematic tissues consist of differentiated cells.
8. **Assertion :** Surface of skin is impervious to water.
Reason : Surface of skin is covered by stratified cuboidal epithelium.
9. **Assertion :** Lateral meristems add thickness of plants.
Reason : Lateral meristems divide only in one plane.
10. **Assertion :** Vessel and sieve tube both are meant for transport purposes.
Reason : Vessels are lignified.