

# Multiple Choice Question

## Tissues Class 9 MCQs Questions with Answers

### **Question 1.**

Which of the following tissues has dead cells?

- (a) Parenchyma
- (b) Sclerenchyma
- (c) Collenchyma
- (d) Epithelial tissue

### **Answer**

**Answer: (b) Sclerenchyma**

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### **Question 2.**

Find out incorrect sentence.

- (a) Parenchymatous tissues have intercellular spaces.
- (b) Collenchyma tissues are irregularly thickened at corners.
- (c) Apical and intercalary meristems are permanent tissues.
- (d) Meristematic tissues, in its early stage, lack vacuoles.

**Answer: (c) Apical and intercalary meristems are permanent tissues.**

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### **Question 3.**

Girth of stem increases due to

- (a) apical meristem
- (b) lateral meristem
- (c) intercalary meristem
- (d) vertical meristem

**Answer (b) lateral meristem**

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### **Question 4.**

Which cell does not have perforated cell wall?

- (a) Tracheid's

- (b) Companion cells
- (c) Sieve tubes
- (d) Vessels

**Answer (b) Companion cells**

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**Question 5.**

Intestine absorbs the digested food materials. What type of epithelial cells are responsible for that?

- (a) Stratified squamous epithelium
- (b) Columnar epithelium
- (c) Spindle fibers
- (d) Cuboidal epithelium

**Answer (b) Columnar epithelium**

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**Question 6.**

A person met with an accident in which two long bones of the hand were dislocated. Which among the following may be the possible reason?

- (a) Tendon break
- (b) Break of skeletal muscle
- (c) Ligament break
- (d) Areolar tissue break

**Answer (c) Ligament break**

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**Question 7.**

While doing work and running, you move your organs Like hands, legs etc. Which among the following is correct?

- (a) Smooth muscles contract and pull the ligament to move the bones.
- (b) Smooth muscles contract and pull the tendons to move the bones.
- (c) Skeletal muscles contract and pull the ligament to move the bones.
- (d) Skeletal muscles contract and pull the tendon to move the bones.

**Answer (d) Skeletal muscles contract and pull the tendon to move the bones.**

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**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)

**Answer** (b) (ii) and (iii)

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**Question 9.**

Meristematic tissues in plants are

- (a) localized and permanent
- (b) not limited to certain regions
- (c) localized and dividing cells
- (d) growing in volume

**Answer** (c) localized and dividing cells

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**Question 10.**

Which is not a function of epidermis?

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

**Answer** (c) Conduction of water

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**Question 11.**

Select the incorrect sentence.

- (a) Blood has a matrix containing proteins, salts and hormones

- (b) Two bones are connected by ligament
- (c) Tendons are non-fibrous tissue and fragile
- (d) Cartilage is a form of connective tissue

**Answer** (c) Tendons are non-fibrous tissue and fragile

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**Question 12.**

Cartilage is not found in

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

**Answer** (c) kidney

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**Question 13.**

Fats are stored in human body as

- (a) Cuboidal epithelium
- (b) Adipose tissue
- (c) Bones
- (d) Cartilage

**Answer** (b) Adipose tissue

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**Question 14.**

Bone matrix is rich in

- (a) Fluoride and calcium
- (b) Calcium and phosphorus
- (c) Calcium and potassium
- (d) Phosphorus and potassium

**Answer** (b) Calcium and phosphorus

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**Question 15.**

Contractile proteins are found in

- (a) bones
- (b) blood
- (c) muscles
- (d) cartilage

**Answer** (c) muscles

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**Question 16.**

Voluntary muscles are found in

- (a) alimentary canal
- (b) limbo
- (c) iris of the eye
- (d) bronchi of lungs

**Answer** (b) limbo

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Question 17.

Nervous tissue is not found in

- (a) brain
- (b) spinal cord
- (c) tendons
- (d) nerves

**Answer**

Answer: (c) tendons

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Question 18.

Nerve cell does not contain

- (a) axon
- (b) nerve endings
- (c) tendons
- (d) dendrites

**Answer**

Answer: (c) tendons

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Question 19.

Which of the following helps in repair of tissue and fills up the space inside the organ?

- (a) Tendon
- (b) Adipose tissue
- (c) Areolar
- (d) Cartilage

[Answer](#)

Answer: (c) Areolar

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Question 20.

The muscular tissue which function throughout life continuously without fatigue is

- (a) skeletal muscle
- (b) cardiac muscle
- (c) smooth muscle
- (d) voluntary muscle

[Answer](#)

Answer: (b) cardiac muscle

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Question 21.

Which of the following cells is found in the cartilaginous tissue of the body?

- (a) Mast cells
- (b) Basophils
- (c) Osteocytes
- (d) Chondrocytes

[Answer](#)

Answer: (d) Chondrocytes

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Question 22.

The dead element present in the phloem is

- (a) companion cells
- (b) phloem fibres
- (c) phloem parenchyma
- (d) sieve tubes

**Answer**

Answer: (b) phloem fibres

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Question 23.

Which of the following does not lose their nucleus at maturity?

- (a) Companion cells
- (b) Red blood cells
- (c) Vessel
- (d) Sieve tube cells

**Answer**

Answer: (a) Companion cells

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Question 24.

In desert plants, rate of water loss gets reduced due to the presence of

- (a) cuticle
- (b) stomata
- (c) lignin
- (d) suberin

**Answer**

Answer: (a) cuticle

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Question 25.

A long tree has several branches. The tissue that helps in the side ways conduction of water in the branches is

- (a) collenchyma
- (b) xylem parenchyma
- (c) parenchyma
- (d) xylem vessels

[Answer](#)

Answer: (d) xylem vessels

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Question 26.

if the tip of sugar cane plant is removed from the field, even then it keeps on growing in length. It is due to the presence of

- (a) cambium
- (b) apical meristem
- (c) lateral meristem
- (d) intercalary meristem

[Answer](#)

Answer: (d) intercalary meristem

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Question 27.

A nail is inserted in the trunk of a tree at a height of 1 metre from the ground level. After 3 years the nail will

- (a) move downwards
- (b) move upwards
- (c) remain at the same position
- (d) move sideways

[Answer](#)

Answer: (c) remain at the same position

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Question 28.

Parenchyma cells are

- (a) relatively unspecified and thin-walled
- (b) thick walled and specialised
- (c) lignified
- (d) none of these

[Answer](#)

Answer: (a) relatively unspecified and thin-walled

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Question 29.

Flexibility in plants is due to

- (a) collenchyma
- (b) sclerenchyma
- (c) parenchyma
- (d) chlorenchyma

[Answer](#)

Answer: (a) collenchyma

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Question 30.

Cork cells are made impervious to water and gases by the presence of

- (a) cellulose
- (b) lipids
- (c) suberin
- (d) lignin

[Answer](#)

Answer: (c) suberin

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Question 31.

Survival of plants in terrestrial environment has been made possible by the presence of

- (a) intercalary meristem

- (b) conducting tissue
- (c) apical meristem
- (d) parenchymatous tissue

**Answer**

Answer: (b) conducting tissue

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Question 32.

Choose the wrong statement.

- (a) The nature of matrix differs according to the function of the tissue
- (b) Fats are stored below the skin and in between the internal organs
- (c) Epithelial tissues have intercellular spaces between them
- (d) Cells of striated muscles are multinucleate and unbranched

**Answer**

Answer: (c) Epithelial tissues have intercellular spaces between them

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Question 33.

The water conducting tissue generally present in gymnosperm is

- (a) vessels
- (b) sieve tube
- (c) tracheid's
- (d) xylem fibers

**Answer**

Answer: (c) tracheid's

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