

CTET/ TET Teacher Eligibility Test Science Solved Question Paper-1

Q1. Which tissue protects the entire body?

Ans: Epithelial tissue

Q2. Give one example each of:

Ans: 1. Squamous epithelium (simple) - cheek cells
2. Columnar epithelium - intestine

Q3. Give one example of connective tissue in which matrix is solid?

Ans: .Bone

Q4. Name the following:

Ans: 1. Multinucleate muscle fibre: - skeletal muscle fibre
2. Spindle shaped muscle fibre: - smooth muscle fibre
3. Tissue which stores fats: - adipose
4. Process of neuron, which carries impulse: -axon

Q5. Name one structure in your body, which bears ciliated epithelium.

Ans: .Respiratory tract

Q6. What is aerenchyma?

Ans: It is a specialized parenchyma found in aquatic plants which consists of network of small cells that enclose air cavities.

Q7. What is the difference between simple plant tissue and simple animal Tissue?

| Ans: SIMPLE PLANT TISSUE | SIMPLE ANIMAL TISSUE |
|-----------------------------------|---|
| a. Consists of same type of Cells | a. Consists of one or more types of Cells |
| b. Arrangement varies. | b. Arranged in a single layer. |

Q8. What is the utility of tissues in multicellular organisms?

Ans: .1.Division of labour 2. Higher organization 3. Higher survival

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Q9.What is a synapse

Ans: Junction between two neurons.

Q10.Where is apical meristem found?

Ans: Root and stem tips

Q11. Identify the type of tissue in the following?

Ans: 1. Skin – epithelial 2. Bark – cork 3. Bone – connective
4. Lining of kidney tubules – epithelial 5. Vascular bundle - xylem and phloem

Q12. What is the role of epidermis?

Ans: . 1. Protection 2. Regulates transpiration 3. Exchange of gases

Q13.What will happen if apical meristem is damaged?

Ans: Growth in length will stop.

Q14.What are the components of phloem?

Ans: 1. Phloem parenchyma 2. Phloem fibres 3. Sieve tubes 4. Companion cells

Q15.Name all simple plant tissues?

Ans: 1. Parenchyma 2. Collenchyma 3. Sclerenchyma