**Karan Arora**  **R.L. Institute M: 9416974837**

**Max Time : 1 hr** **Class = 9th Science Test Max Marks : 20**

**TISSUE [PLANT TISSUE]**

1. Multiple choice questions : [ 1 X 5 = 5 ]
2. Which of the following tissue has dead cells :

|  |  |  |  |
| --- | --- | --- | --- |
| a) parenchyma | b) sclerenchyma | c) collenchyma | d) Epithelial cells |

1. The dead element present in phloem are :

|  |  |  |  |
| --- | --- | --- | --- |
| a) companion cell | b) phloem fibres | c) phloem parenchyma | d) sieve tubes |

1. Meristematic tissue in plants are :

|  |  |
| --- | --- |
| a) localized and permanent | b) not limited to certain region |
| c) localized and continuously dividing cells | d) growing in volume |

1. Flexibility in plants is due to :

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

1. Girth of stem increases due to :

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

1. Define tissue? [ 1 ]
2. Where is apical meristem situated? [ 1 ]
3. Presence of which chemical in cork cells makes them impervious to water and gases? [ 1 ]
4. Describe the structure and function of stomata. [ 2 ]
5. What is differentiation? What does it lead to : [ 2 ]
6. Differentiate between parenchyma and collenchyma. [ 2 ]
7. Why are xylem and phloem called as complex tissues? How they are different from one other? [ 3 ]
8. What is meristematic tissue? Classify meristematic tissue and describe them. [ 3 ]

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