**Neha Malhotra** **R.L. Institute M: 9416974837**

**Max Time : 1 hr** **Class = 11th Biology Test Max Marks : 20**

**Topic: Morphology in Flowering Plants**

**[Root , Stem and leaf]**

1. Multiple choice questions : [ 1 X 4 = 4]
2. Corm is a modification of :

|  |  |  |  |
| --- | --- | --- | --- |
| a) root | b) leaf | c) Stem | d) Bud |

1. Which of the following is the expanded green part of leaf with veins and veinlets?

|  |  |  |  |
| --- | --- | --- | --- |
| a) Petiole | b) Node | c) Stipule | d) Lamina |

1. Petiole part of leaf is known as :

|  |  |  |  |
| --- | --- | --- | --- |
| a) Epipodium | b) Mesopodium | c) Hypopodium | d) None of these |

1. Sweet potato is a modified \_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a) Stem | b) adventitious root | c) Rhizome | d) Tap root |

1. Define Venation. [ 1 ]
2. Define node and internode. [ 1 ]
3. How is Pinnately compound leaf different from a Palmately compound leaf? [ 2 ]
4. Differentiate between Fibrous root and Adventitious root. [ 2 ]
5. What are the functions of root? [ 2 ]
6. Explain with the suitable examples the different types of Phyllotaxy. [ 3 ]
7. Write short note on the modification of root stem and leaf : [ 5 ]
8. Pneumatophore (b) Offset (c) Bulb (d) leaf pitcher (e) Stem thorns

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