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

**Max Time : 1 hr** **Class = 11th Biology Test Max Marks : 25**

**Topic: Algae, Bryophytes & pteridophytes**

1. Multiple choice questions : [ 1 X 5 = 5]
2. Reserve food of red algae is

|  |  |  |  |
| --- | --- | --- | --- |
| a) Laminaria | b) Floridean starch | c) Mannitol | d) Starch |

1. In mosses, the rhizoids are :

|  |  |  |  |
| --- | --- | --- | --- |
| a) Two types | b) unicellular | c) Multicellular | d) Absent |

1. Rhodophyceae are red in colour due to presence of

|  |  |  |  |
| --- | --- | --- | --- |
| a) Fucoxanthine | b) Phycocyanin | c) Phycoerythrin | d) Carotene |

1. Genera like Selaginella and Salvinia produced two kind of spores. Such plants are known as

|  |  |  |  |
| --- | --- | --- | --- |
| a) Heterosporus | b) Homosporus | c) Homosorus | d) Heterosorus |

1. The alternation of generations the sporophytes generation is \_\_\_\_\_\_ and the gametophytes generation is \_\_\_\_\_ .

|  |  |  |  |
| --- | --- | --- | --- |
| a) N , 2N | b) 2N , 2N | c) 2N , N | d) N , N |

1. Name three group of plants that bears male sex organ. [ 1 ]
2. Green algae cell wall is made up of ………………(Outer layer) , ………………. (Inner layer). [ 1 ]
3. In which phyla gametophytes generation is dominant over sporophytes. [ 1 ]
4. Number of flagella in red algae is ………………… . [ 1 ]
5. Define cone or strobili. [ 1 ]
6. Why are Bryophytes called as “Amphibians of Plant Kingdom”. [ 2 ]
7. Define Gemma cup? [ 2 ]
8. Write any 4 economic importance of Bryophytes. [ 3 ]
9. Write characteristic features of Brown algae. [ 3 ]
10. With the help of schematic diagram explain the life cycle of pteridophytes. [ 5 ]

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