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

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

**Topic: Gymnosperms & Angiosperms**

1. Multiple choice questions : [ 1 X 5 = 5]
2. The tallest gymnosperm is

|  |  |  |  |
| --- | --- | --- | --- |
| a) Sequoia | b) Pinus | c) Ginkgo | d) Cycas |

1. Branched stem is found in

|  |  |  |  |
| --- | --- | --- | --- |
| a) Cycas | b) Cycas + Cedrus | c) Pinus + Cedrus | d) Pinus |

1. How many nuclei participate in double fertilization?

|  |  |  |  |
| --- | --- | --- | --- |
| a) 2 | b) 3 | c) 4 | d) 5 |

1. In gymnosperm, pollination occur by \_\_\_\_\_\_\_\_.

|  |  |  |  |
| --- | --- | --- | --- |
| a) Wind | b) Water | c) Insects | d) Animals |

1. Ploidy of endosperm in gymnosperm and angiosperm is :

|  |  |  |  |
| --- | --- | --- | --- |
| a) n , 2n | b) n , n | c) n , 3n | d) 2n , n |

1. Name smallest angiospermic plant. [ 1 ]
2. Bilobed anther contains \_\_\_\_\_\_\_\_\_sporangium [ 1 ]
3. Define Siphnogamy [ 1 ]
4. In gymnosperm, pollen grain contains \_\_\_\_\_\_ male gametes. [ 1 ]
5. Female gametophyte of angiosperm contains \_\_\_\_\_\_\_ celled and \_\_\_\_\_\_ nuclei. [ 1 ]
6. How would you distinguish monocot and dicot with examples? [ 2 ]
7. Write two economic importance of gymnosperm [ 2 ]
8. Explain briefly the development of female gametophyte in angiosperm. [ 3 ]
9. Give a brief account on life cycle of gymnosperm. [ 3 ]
10. Write a note on double fertilization [ 5 ]

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