

SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: B.sc 2ND Year

Semester:

EVEN(4th)

Subject: Plant Embryology

Session: 2020-21

| Lecture Number | Topic |
|----------------|---|
| 1 | Unit-1 Flower-a modified shoot microsporangium |
| 2 | Microsporangium-its wall and dehiscence mechanism |
| 3 | Microsporangium-Pollen grain and its structure(Pollen wall) |
| 4 | Revision of microsporangensis |
| 5 | Unit-2 Pollen geinnination (microsporangensis) |
| 6 | Male gametophyte |
| 7 | Pollen-pistil interaction |
| 8 | Self-incompatibility,Pollination |
| 9 | Pollination types and agencies |
| 10 | Agencies of Pollination |
| 11 | Revision of male gametophyte |
| 12 | Revision of Pollination |
| 13 | Revision of pollen pistil interaction |
| 14 | Unit-3 Structure of Megasporongium(ovule) |
| 15 | Curvature of Ovule |
| 16 | Sperogenesis and Mega Sporogenesis |
| 17 | Female(mono) |
| 18 | Female(Tri and Tetrasporonic) |

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| 19 | Double Fertilization |
| 20 | Continue with Double Fertilization |
| 21 | Endosperm types and priologocal imp. |
| 22 | Revision of megasporogenesis |
| 23 | Revision of Female(Di and tetrasporic) |
| 24 | Test Taken |
| 25 | Unit-4 Embryogenesis is in Dicot |
| 26 | Embryogenesis is in Monocot |
| 27 | Polyembigony |
| 28 | Structure of dicot and Monocot seed |
| 29 | Fruit Types |
| 30 | Continue fruit types |
| 31 | Dispersal mechanism in fruit and seeds |
| 32 | Revision of Fruits Types |
| 33 | Revision of structure of Dicot and Monocot |
| 34 | Test taken |
| 35 | Discussion of Important Topics |
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