

**DIPLOMA IN HORTICULTURE
(DHORT)**

Term-End Examination

June, 2025

**BAPI-007 : PLANT PROPAGATION AND
NURSERY MANAGEMENT**

Time : 3 Hours

Maximum Marks : 100

Note : *All questions are compulsory and carry equal marks.*

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| 1. Define the following terms : | 2×5=10 |
| (a) Hormone | |
| (b) Compost | |
| (c) Rootstock | |
| (d) Dormancy | |
| (e) Rest period | |
| 2. Write down the disadvantages of sexual plant propagation. | |
| | 10 |

3. Differentiate between approach grafting and side grafting. 10
4. Explain the features of any *four* techniques of micropropagation. 10
5. Discuss about the raising seedlings in plastic bags with potting medium. 10
6. Explain the procedure of selection and preparation of rootstock and scion. 10
7. Write down the precautions to be adhered to the studies on the seed treatment and sterilization of media. Also give suitable examples. 10
8. Write down the procedure of cutting and layering. 10
9. How do you sterilize the media/soil for raising seedlings in a nursery ? Discuss. 10
10. How do you carry out budding ? Write its complete procedure. 10

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