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BAPI-007

**DIPLOMA IN HORTICULTURE
(DHORT)**

Term-End Examination

December, 2025

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

Time : 3 Hours

Maximum Marks : 100

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

1. Define the following terms : 2×5
 - (a) Soil Sterilization
 - (b) Shade Net House
 - (c) Quiescence
 - (d) Scarification
 - (e) Cleft Grafting

2. What are the important nursery structures/ components ? Discuss the features of any *five*. 10

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3. Explain the factors affecting the environment of a Green House. 10
4. Why is a nursery needed ? Explain. 10
5. How do you treat the seeds with chemicals ? Explain its procedure. 10
6. Explain the characteristics of any *three* ingredients used as rooting media. 10
7. Write the procedure of study of nursery tools and their functions. 10
8. What are the precautions to be adhered to while selection and preparation of rootstock and scion ? Explain. 10
9. Explain the procedure of application of manures and PGRs in plantation. 10
10. Prepare a format to record the observations and inference collected at the studies on application of manures and PGRs and weed management. 10

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