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BAPI-007

DIPLOMA IN HORTICULTURE

(DHORT)

Term-End Examination

June, 2026

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

Time : 3 Hours

Maximum Marks : 100

Note : Attempt all questions. All questions carry equal marks.

1. What is seed dormancy ? Discuss the types of seed dormancy and role of hormones in seed dormancy. 10
2. Define plant propagation and elaborate different methods of asexual propagation with their advantages and disadvantages. 10

3. What do you understand by nursery ? What is the importance of establishing a nursery ?
Write about the components of nursery. 10
4. What is layering ? Enlist and describe the types of layering in fruit crops. Draw neat and labelled diagrams and quote the example in fruit crops where it is practised. 10
5. Define Greenhouse and discuss different types of greenhouses along with their advantages and disadvantages. 10
6. Discuss the steps involved in seed production in self and cross pollinated crops. 10
7. Discuss the factors affecting seed viability and the methods to detect seed viability. 10

8. What is micropropagation ? Elaborate the advantages and disadvantages of micropropagation. Enlist the major equipments required for micropropagation.

10

9. Discuss the factors on which environment of greenhouse depends.

10

10. What is the need of soilless media? Discuss the types of soilless media used in horticultural crops nursery raising.

10

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