

**DIPLOMA IN HORTICULTURE  
(DHORT)**

**Term-End Examination**

**December, 2023**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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

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1. What are Exogenous factors responsible for Seed Dormancy ? Describe any *four* of them in detail. 10
2. How does the soil salinity affect the Seed Germination ? Discuss in detail. 10
3. Write the disadvantages of Sexual Propagation. 10
4. Write short notes on the following : 5×2=10
  - (i) Quiescence
  - (ii) Rest Period

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5. What is Micro-propagation ? Write the techniques of Micro-propagation. 10
6. Discuss the advantages of Modern Nursery Raising System. 10
7. Differentiate between Rural Nursery and Urban Nursery. 10
8. Describe the advantages of soil-less media. 10
9. Describe the process of selection and preparation of Rootstocks and Scion. 10
10. How are the Plant Growth Regulators (PGRs) applied on the plants ? Discuss all the steps involved in it. 10