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**BSCBOEN 201**

**Second Semester Open Elective (NEP 2020) Degree  
Examination, September 2022  
(2021-2022 Batch Onwards)  
BOTANY**

**Plant Propagation, Nursery Management and Gardening**

Time : 2 Hours

Max. Marks : 60

- Instructions :** 1) Answer **all** the questions.  
2) Draw the diagrams **wherever** necessary.

I. Answer **any ten** of the following :

**(2×10=20)**

- What is compost ?
- Define seed viability.
- Write the significance of seed testing.
- Which season is best for collecting plant cuttings and why ?
- List the uses of mist chamber.
- Write the scopes of gardening.
- Why computer application is important in landscaping ?
- Define biocontrol.
- What do you mean by seedlings ?
- Name the tools used for bonsai technique.
- Name types of planting.
- What do you mean by soil free growth medium ?

II. Answer **any eight** of the following :

**(5×8=40)**

- Describe the characteristics of a potting media.
- Write a note on seed testing.

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- 3) What is a seed ? Explain its types.
  - 4) Define vegetative propagation. Name the different types.
  - 5) Write the process of stem cutting.
  - 6) Name the different types of gardens.
  - 7) Explain the various steps in gardening operations.
  - 8) Define gardening. Mention its objectives.
  - 9) Discuss on the storage procedure of seedlings.
  - 10) Enumerate the maintenance of lawns.
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