

**T.Y.B.SC. SEM – VI (CBCS - 2016 Course) : SUMMER - 2019**  
**SUBJECT : ELECTIVE : A) HORTICULTURE AND GARDENING**

**Day** : Wednesday  
**Date** : 24/04/2019

**S-2019-0926**

**Time** : 03.00 P.M. To 06.00 P.M  
**Max. Marks** : 60

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the **RIGHT** indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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**Q.1** Attempt **ANY TWO** of the following. **(12)**

- a) Define grafting. Explain the process with suitable examples.
- b) Give the principles of landscape design.
- c) Explain cultivation practices for rose.

**Q.2** Attempt **ANY TWO** of the following. **(12)**

- a) Describe purpose and different types of lawns.
- b) Explain recycling of organic waste in Agriculture.
- c) Write a note on Hindu and Mughal gardens.

**Q.3** Attempt **ANY TWO** of the following. **(12)**

- a) Explain the scope and importance of floriculture.
- b) Describe air layering with suitable example.
- c) Explain cultivation of Gladiolus.

**Q.4** Attempt **ANY THREE** of the following. **(12)**

- a) Explain patch budding.
- b) Describe scope of Horticulture.
- c) Give the types of storages for preservation of fruits.
- d) Write in short about stone grafting.
- e) Describe in short commercial production of Potato.

**Q.5** Attempt **ANY FOUR** of the following. **(12)**

- a) Describe various steps in marketing of fruits.
- b) Give any two examples of aromatic plants and spices used for commercial production.
- c) Write a note on T budding.
- d) Explain factors responsible for fruit maturity and ripening.
- e) Give the various varieties of mango and grape.
- f) Enlist the plants used in Lawn preparation.

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