2811E832   Candidate's Seat No :_____

M.Sc Sem-3 Examination
504
Horti Science & GM
Time : 2-30 Hours]   **November-2024**   [Max. Marks : 70

QUESTION-1   Write the following

i)   What is AutoCAD ?   7 Marks

ii)   Explain basic steps / commands to insert image in AutoCAD and How to   7 Marks
      Set Scale to the Drawing?

OR

i)   Explain basic steps / commands to Align / Scale the Image to particular   7 Marks
      Distance Explain?

ii)   Explain basic steps / commands to use Hatch Command in AutoCAD?   7 Marks

QUESTION-2   Write the following

i)   What is water efficient landscaping? Explain.   7 Marks
ii)   Explain sustainable landscaping.   7 Marks
OR
i)   How to make light efficient landscaping?   7 Marks
ii)   How to create wind efficient garden?   7 Marks

QUESTION-3   Write the following

i)   Explain the Principles and Methods of Heat Pasteurization   7 Marks
ii)   Write a detailed note on: Fermented Beverages   7 Marks
OR
i)   Explain the preservation method of dehydration of fruits and vegetables   7 Marks
ii)   Explain the Preservation of Mushrooms   7 Marks

QUESTION-4 Write the following

i)   What is APEDA? How it works?   7 Marks
ii)   Explain the working of NABARD.   7 Marks
OR
i)   What is NHB? How it works?   7 Marks
ii)   Write down the objectives of APMC.   7 Marks

QUESTION-5   14 Marks

■   Attempt any seven out of twelve. (2 marks each)

1. (a) Which key is used to obtain properties palette in AutoCAD?

        a. Control+1

                                            c. Control+3

(P.T.O)

b. Control+2   d. Control+4

(b) Which mode allows user to draw 90° straight lines.

a. Osnap   c. Linear

b. Ortho   d. Polar tracking

2. (a) To obtain parallel lines, concentric circles and parallel curves; _____ is used.

a. Trim   c. Copy

b. Fillet   d. Offset

(b) In order to move an object, _____

a. Select a base point, followed by a point to define where the object is moving to.

b. Use the Displacement option

c. Select object for grips, then move

d. Above all

3. (a) Copy command also creates Multiples copies of an object. True/False?

a. True   b. False
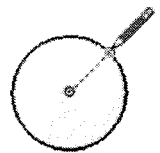
(b) What is the name of this tool?

a. Circle tool   c. Hole tool

b. Button tool   d. Round too

4. Give the plant list for wind resistance in garden
5. Give the List of plants for xeriscaping.
6. Give the List of irrigation system for water efficient landscaping.
7. Explain: Blanching treatment of fruits and vegetables.
8. What is brine?
9. What is FPO mark for?
10. What is the full form of APEDA?
11. What is the full form of NHB?
12. Give details of any fours schemes of APMC.