

D 90947

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Name.....

Reg. No.....

**FIFTH SEMESTER B.A./B.Sc./B.Com. DEGREE EXAMINATION
NOVEMBER 2015**

(UG—CCSS)

Open Course

BO 5D 01—HORTICULTURE AND NURSERY MANAGEMENT

(2012 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

•I. Objective type questions. (Answer all *twelve* questions)

(Multiple Choice, Fill in the blanks and answer in a single word questions)

1 Binomial nomenclature is proposed by :

- | | |
|----------------|-------------------|
| (a) Aristotle. | (b) Theophrastus. |
| (c) Linnaeus. | (d) Bentham. |

2 One among the following is not a post harvesting method :

- | | |
|-----------------|-------------------|
| (a) Fumigation. | (b) Preservation. |
| (c) Irrigation. | (d) Storing. |

3 Generic name of *Oyster* mushroom is :

- | | |
|---------------|----------------|
| (a) Amanita. | (b) Ganoderma. |
| (c) Agaricus. | (d) Pleurotus. |

4 One among the following is a biotic factor :

- | | |
|--------------|--------------------|
| (a) Soil pH. | (b) Soil microbes. |
| (c) Humus. | (d) Moisture. |

5 *Ocimum* belongs to the family _____

6 Binomial of Pepper is _____

7 _____ is the commonly used tissue culture medium.

8 _____ is a garden tool used to shape hedges.

9 Give an example for plant hormone used in tissue culture.

Turn over

10 Name a chemical used to sterilize **explants**.

11 Name a plant propagating structure.

12 Name a **Biopesticide**.

(12 x 3 = 36 weightage)

II. Short answer questions. (Answer all *nine* questions)

13 Biotic factors.

14 Spawn.

15 Surface sterilization.

16 Seed beds.

17 **Coir** pith compost.

18 Floriculture.

19 Potting mixture.

20 Poly house.

21 Shade regulation.

(9 x 1 = 9 weightage)

III. Short essay or paragraph questions. (Answer any *five* from *seven* questions)

22 Describe external factors influencing plant propagation.

23 Write an essay on the cultivation of **Oyster** mushroom.

24 Give an account on various methods of irrigation.

25 Explain the cultivation of Orchids and **Anthurium**.

26 What are the significance and applications of tissue culture ?

27 Explain the various types of plant propagating structures.

28 How to protect horticultural plants ? Explain the various steps.

(5 x 2 = 10 weightage)

IV. Essay questions. (Answer any *two* from *three* questions)

29 Describe the various types of fertilizers used in agriculture.

30 Write an essay regarding the various methods of vegetative propagation.

31 Explain the various steps in harvesting and post harvesting management.

(2 x 4 = 8 weightage)