

**D 70976**

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Name

Reg. No.....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2014**

(UG-CCSS)

Open Course

Botany

BO 5D 01—HORTICULTURE AND NURSERY MANAGEMENT

(2012 Admissions)

Time : Three Hours

Maximum : 30 Weightage

I. Objective type questions. Answer *all* questions. Multiple choice, fill in the blanks and answer in a single word questions :

1 One among the following is not an **edaphic** factor :—

- |              |                    |
|--------------|--------------------|
| (a) soil pH. | (b) Soil microbes. |
| (c) humus.   | (d) soil.          |

2 MS medium is used in :

- |               |                     |
|---------------|---------------------|
| (a) cutting.  | (b) budding.        |
| (c) Grafting. | (d) tissue culture. |

3 Name a poisonous mushroom :

- |                       |                        |
|-----------------------|------------------------|
| (a) Amanita.          | (b) <b>Pleurotus</b> . |
| (c) <b>Agaricus</b> . | (d) Oyster mushroom.   |

4 Cultivation of vegetables is :

- |                           |                    |
|---------------------------|--------------------|
| (a) Bonsai.               | (b) Arboriculture. |
| (c) <b>Olericulture</b> . | (d) Floriculture.  |

5 The plant part used in tissue culture is known as \_\_\_\_\_

6 When pH is 5, the soil is \_\_\_\_\_

7 Hardening is a step in \_\_\_\_\_

8 Scientific name of Oyster mushroom is \_\_\_\_\_

9 \_\_\_\_\_ is the equipment used to sterilize culture medium.

10 Name a pesticide :

Turn over

11 Give an example of plant growing structure.

12 Propagule of mushroom is called :

(12 x 3 = 36 weightage)

II. Short answer questions. Answer *all* nine questions :

13 Bio fertilizer.

14 Fumigation.

15 Bonsai.

16 Seed dormancy.

17 Layering.

18 Floriculture.

19 Drip irrigation.

20 Potting mixture.

21 ICBN.

(9 x 1 = 9 weightage)

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

22 Explain **edaphic** factors influencing plant propagation.

23 Describe different methods of irrigation.

24 Describe media preparation in tissue culture.

25 Preparation and application of pesticides.

26 Explain indoor gardening.

27 Write notes on any *four* medicinal plants you have studied.

28 Different steps in mushroom cultivation.

(5 x 2 = 10 weightage)

IV. Essay questions. Answer any *two* from three questions :

29 Give an account of vegetative propagation.

30 Give an account of plant growing structures.

31 Explain the process in harvesting and post harvest management.

(2 x 4 = 8 weightage)