

B.VOCATIONAL DEGREE IN HORTICULTURE
EXAMINATION, MAY - 2022
CHOICE BASED CREDIT SYSTEM
FIRST SEMESTER
PART-II : SKILL COMPONENT
CORE PAPER-I : PRINCIPLES OF HORTICULTURE CROPS
(Under CBCS New Regulation w.e.f the academic year 2020-21)

Time : 3 Hours

Max. Marks : 75

SECTION - A

Answer **ALL** of the following

(5×2=10)

- 1 Define Horticulture
2. Culture
3. Shrubs
4. Land Scaping
5. Rejuvenation

SECTION - B

Answer **THREE** of the following. Each question carries 5 marks.

(3×5=15)

6. Write the classification of Horticulture Crops
7. Discuss about Hydroponics
8. Explain Italian Garden.
9. Write about Organic Farming
10. What are the Types of mulching

SECTION - C

Answer **ALL** of the following. Each question carries 10 marks.

(5×10=50)

11. a) Write the production of Horticulture Crops at National level

(OR)

- b) Explain the classification of Horticulture Crops

12. a) How do you maintain a Nursery

(OR)

b) What are objectives of Nursery

13. a) Write the importance of Gardening.

(OR)

b) Discuss about Japanese Garden.

14. a) What are factors influencing on Crop Production

(OR)

b) Write cultivation of Orchards

15. a) What are the types of Irrigation Management.

(OR)

b) Write in detail about weed Management.

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CHOICE BASED CREDIT SYSTEM

FIRST SEMESTER

PART-II : SKILL COMPONENT

CORE PAPER-II : FUNDAMENTALS OF PLANT PHYSIOLOGY

(Under CBCS New Regulation w.e.f the academic year 2020-21)

Time : 3 Hours

Max. Marks : 75

SECTION - A

Answer **all** of the following

(5×2=10)

1. Stem bleeding
2. Absorption
3. Nutrition
4. Peroxisome
5. Neutral Plants

SECTION - B

Answer **THREE** of the following.

(3×5=15)

6. Write about morphology of Plants
7. Explain the role of Phloem
8. Enumerate the advantages of CAM
9. Write about Insecticides
- 10 Explain the stress in Plants

SECTION - C

Answer **All** the following questions.

(5×10=50)

11. a) Discuss the significance of Plants

(OR)

- b) Write the scope of Physiology

12. a) Write the Structure & Mechanism of Stomata

(OR)

b) Write the difference between Translation and Transpiration.

13. a) Explain the role of nutrients in Plant metabolism.

(OR)

b) Discuss about Soil less Culture

14. a) Explain the structure and functions of Chloroplast.

(OR)

b) Write Dark and Light reactions.

15. a) Enumerate the Plant growth Hormones

(OR)

b) Explain the types of Seed dormancy.

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EXAMINATION, MAY - 2022

CHOICE BASED CREDIT SYSTEM

FIRST SEMESTER

PART-II : SKILL COMPONENT

**CORE PAPER-III : FLORICULTURE MANAGEMENT AND PLANT
PATHOLOGY**

(Under CBCS New Regulation w.e.f the academic year 2020-21)

Time : 3 Hours

Max. Marks : 75

SECTION - A

Answer **All** of the following

(5×2=10)

- 1 Daisy
- 2 Harvest Yields.
- 3 Palms
- 4 Biotic
- 5 Floriculture

SECTION - B

Answer **THREE** of the following. Each question carries **5** marks.

(3×5=15)

- 6 Write about Import Flowers
- 7 Lilium
- 8 Dehydration
- 9 Mango
- 10 Chili

SECTION - C

Answer **ALL** questions. Each question carries **10** marks.

(5×10=50)

11. a) Write the differences between cut and loose flowers with examples

(OR)

- b) Discuss about the production of Techniques of flower plants.

12. a) Explain the preparation of Garlands

(OR)

b) Write the Taxonomy of Orchids

13. a) Enumerate the production techniques of flower plants

(OR)

b) Explain the propagation Methods

14. a) Write the objectives of plant pathology

(OR)

b) Discuss the History of plant pathology

15. a) Discuss the Biological control of Horticultural Crop Diseases

(OR)

b) Write the diseases management in Floriculture.