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## BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(Ag)-Hons-2021/B.Sc.(Ag)-Hons-2022/B.Sc.(Ag)-Hons-2023

Course Name – Production Technology for Ornamental Crops, MAP and  
Landscaping

Course Code - CC-BAG472(T)

( Semester IV )

Full Marks : 50

Time : 2:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

### Group-A

(Multiple Choice Type Question)

1 x 20=20

1. Choose the correct alternative from the following :

- (i) Show the correct answer: Who played a significant role in the rose breeding in India and entitled as "Father of Indian Roses"?
  - a) Vishnu Swarup
  - b) M. S. Randhawa
  - c) Dr. B. P. Paul
  - d) Prof. T. K. Bose
- (ii) Show the correct answer: Which country is the leading importer of flower products?
  - a) Germany
  - b) U.K.
  - c) U.S.A
  - d) India
- (iii) Show the correct answer: International Flower Market is situated at which city?
  - a) Bangalore, India
  - b) London, U.K.
  - c) Alsmeer, Netharlands
  - d) Colombo, Srilanka
- (iv) Show the correct answer: Which country is the leading producer of perfumery products?
  - a) Germany
  - b) Bulgeria
  - c) Canada
  - d) India
- (v) Show the correct answer: Which country is the leading producer of loose flowers in the world?
  - a) Germany
  - b) Bulgeria
  - c) Canada
  - d) India
- (vi) In which year 1st AICRP on Floriculture was started? Show the correct answer:
  - a) 1973
  - b) 1971
  - c) 1976
  - d) 1980
- (vii) Head Quarter of International Society of Horticultural Science (ISHS) is situated in which country? Show the correct answer:
  - a) Malayasia
  - b) Bulgeria

- c) Canada  
(viii) Explain the term Arboriculture.
- a) The cultivation of trees for their aesthetic or recreational values  
b) The cultivation of trees for their fruit production  
c) The cultivation of trees for their fodder value  
d) none of these
- (ix) Explain the term-Topiary .
- a) The art of pruning plants into different forms or shapes like animals, birds etc  
b) The art of training plants into different forms or shapes like animals, birds etc  
c) The art of both training and pruning the plants into different forms or shapes like animals, birds etc  
d) None of these
- (x) Show the annual flower which is called as "King of Annual Flower"
- a) Pot-Marigold  
b) Pansy  
c) Pitunia  
d) Salvia
- (xi) Show the correct answer: which Emperor started the planting of trees along roadside?
- a) Babar  
b) Akbar  
c) Asoka  
d) Humayun
- (xii) Describe the feature of a garden that can be referred to as the green carpet for a landscape
- a) Lawn  
b) Rockeries  
c) Sun-Dial  
d) None of these
- (xiii) Non purified form of essential oil obtained by solvent extraction method is summarized as:
- a) Absolute  
b) Concrete  
c) Resinoids  
d) None of these
- (xiv) Show the correct answer: the Indian city where National Aromatic and Medicinal Plant Board is located
- a) New Delhi  
b) Kolkata  
c) Chennai  
d) Guwahati
- (xv) Show the correct answer: the Indian city where Central Institute for Medicinal and Aromatic Plants is located
- a) New Delhi  
b) Kolkata  
c) Lucknow  
d) Kanpur
- (xvi) Show the correct answer: the Indian city where National Research Center for Medicinal and Aromatic Plants is located
- a) New Delhi  
b) Anand  
c) Jaipur  
d) Ajmer
- (xvii) Show the correct answer: the person who is called as "Father of Modern Medicine".
- a) Darwin  
b) Mandel  
c) Hippocrates  
d) Theoprastus
- (xviii) Show the correct answer: the person who is called as "Father of Pharmacognosy".
- a) Darwin  
b) Mandel  
c) Hippocrates  
d) Theoprastus
- (xix) The plants which are rich in secondary metabolites and are the potential source of drugs can be summarized as:
- a) Medicinal Crops  
b) Aromatic Crops  
c) Ornamental Crops  
d) None of these
- (xx) Describe the term-Phenology.
- a) Flowering behaviour which includes timing of flower emergence  
b) Fruiting behaviour which includes timing of fruit initiation  
c) Science of flower production  
d) None of these

**Group-B**  
(Short Answer Type Questions)

2.5 x  
10=25

2. Explain the term: Floriculture. (2.5)
3. Explain the term- ornamental Horticulture. (2.5)
4. Explain the term- cut flower. (2.5)
5. Explain the term- Landscape. (2.5)
6. Explain the term- medicinal plants. (2.5)
7. Explain the term- aromatic plants. (2.5)
8. "Any Indians born with flowers live with flowers and finally dies with flowers"- Discuss the statement with proper justification. (2.5)
9. Discuss about the various garden adornments for a garden which make the garden more enjoyable. (2.5)
10. Discuss about the utility of shrubs in a landscape garden. (2.5)
11. Classify different types of Lemon grass with their botanical name, oil content and major chemical constituent. (2.5)

**OR**

Classify the annuals according to the season of growing. (2.5)

**Group-C**  
(Long Answer Type Questions)

5 x 1=5

12. Distinguish between Climbers vs. Creepers. (5)

**OR**

Distinguish between formal garden vs. informal garden. (5)

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