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Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Sc.(Ag)-Hons-2021

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) 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
- (ii) Odoriferous steam volatile constituents of the aromatic plants are summarized as:
- a) Volatile oil
b) Essential oil
c) Aromatic oil
d) None of these
- (iii) 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
- (iv) 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
- (v) 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
- (vi) Show the correct answer: the botanical name of Senna.
- a) Rauwolfia serpentina
b) Commiphora wightii
c) Adhatoda adusa
d) Cassia angustifolia
- (vii) 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

- (viii) A drug, which induces vomiting can be summarized as
- a) Refrigerant
 - b) Aphrodisiac
 - c) Carminative
 - d) Emetic
- (ix) 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
- (x) Show the correct answer: Which state produces maximum amount of cut flower in our country?
- a) Kerala
 - b) Meghalaya
 - c) West Bengal
 - d) Jharkhand
- (xi) Show the correct answer: the Indian state which produces maximum flower seeds
- a) Punjab
 - b) West Bengal
 - c) Manipur
 - d) Meghalaya
- (xii) Show the correct answer: scientific name of Blanket Flower
- a) Amaranthus sp.
 - b) Tagetes erecta
 - c) Gaillardia pulchella
 - d) Coreopsis sp.
- (xiii) Planting of shrubs on boundary for the purpose of fencing can be summarized as:
- a) Herbaceous border
 - b) Hedge
 - c) Edge
 - d) None of these
- (xiv) Show the correct answer: the bulbous plant, which has maximum area under cultivation
- a) Spider lily
 - b) Dahlia
 - c) Gladiolus
 - d) Glory Lily
- (xv) Head Quarter of International Society of Horticultural Science (ISHS) is situated in which country? Show the correct answer:
- a) Malayasia
 - b) Bulgaria
 - c) Canada
 - d) Belgium
- (xvi) Show the correct answer: the alkaloid present in Glory-Lily which is used in the treatment of gout
- a) Solanin
 - b) Saponin
 - c) Glucosinolate
 - d) Colchicine
- (xvii) Show the economic part of Isabgol
- a) Roots
 - b) Seeds
 - c) Husk with seeds
 - d) Leaves
- (xviii) 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
- (xix) 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
- (xx) Explain the term- Trophy
- a) The arrangement of colourful trees in different tiers around a central pillar
 - b) The arrangement of colourful annuals in different tiers around a central pillar
 - c) The arrangement of colourful potted plants in different tiers around a central pillar
 - d) None of these

Group-B

(Short Answer Type Questions)

2. Show 8 important foliage trees for landscape gardening. (2.5)
3. Show 8 important flowering trees for landscape gardening. (2.5)
4. Explain the important characteristics of shrub for landscape gardening. (2.5)
5. Outline the various products obtained from aromatic plants. (2.5)
6. Explain the term- pergola. (2.5)
7. Explain the term- Bio-aesthetic Planning. (2.5)
8. Distinguish between rambler roses vs. climber roses. (2.5)
9. Classify the annuals according to the season of growing. (2.5)
10. Predict the stage of harvesting of roses. (2.5)
11. Show 6 important ornamental trees with their botanical name, family, flower colour and flowering season. (2.5)

OR

Explain the important features of essential oil (2.5)

Group-C

(Long Answer Type Questions)

5 x 1=5

12. Classify the tuberose cultivars based on number of rows of petals with their characteristics and examples. (5)

OR

Distinguish between African marigold vs. French Marigold. (5)
