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Reg. No. :

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Question Paper Code: 99A72

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2024

Open Elective

Civil Engineering

19UAG972- FUNDAMENTALS OF LANDSCAPE GARDENING

(Common to CSE, ECE, EEE, Mechanical, IT, Chemical, Bio medical Engineering branches)

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. Growing of different species of trees in one place is called CO1- U
(a) Arboretum (b) Topiary (c) both (a) and (b) (d) (a) only
2. Example of Climbers for porches are CO1- U
(a) Pyrostegia venusta (b) Cynodan (c) Red gram (d) all the above
3. Example of Medicinal crops suited for roof garden CO2- U
(a) Agathi (b) Adathoda (c) Aloe vera (d) all the above
4. Example of Flowering climbers in partial shade are CO2- U
(a) Passiflora (b) Rice (c) Maize (d) None of the above
5. Example of pulses crops is CO3- U
(a) Green gram (b) Black gram (c) Red gram (d) all the above
6. Example of Tree seed crops CO3- U
(a) Neem (b) pungam (c) Red gram (d) Both (a) & (b)
7. Example of Vegetable crops suited for roof garden CO4- U
(a) Brinjal (b) Redgram (c) Paddy (d) all the above
8. As per the Japanese legend, 'Sanshu no jinji' the sacred objects given to sun god are CO4- U
(a) Sword (b) Jewell (c) Mirror (d) all the above

9. White Bauhinia alba symbolize ----- in Mughal gardens CO5- U
 (a) youth and life (b) Water (c) Aloe vera (d) all the above
10. The cultivation of trees for their aesthetic or recreational values is known as CO1- U
 (a) Arboriculture (b) Architecture (c) Red gram (d) all the above

PART – B (5 x 2= 10 Marks)

11. Definition of Lawn making CO1- U
12. Furnish the details of weed control in landscape CO2- U
13. Define shrubs give suitable example of for garden making. CO3- U
14. What are the key characteristics of Landscape Design Approach CO4- U
15. What is Organic Gardening give suitable example CO5- U

PART – C (5 x 16= 80 Marks)

16. (a) Give the details and advantages of Landscape Institute. CO1- U (16)
 Or
 (b) Elucidate the information about Landscape Industry with suitable example CO1- U (16)
17. (a) Elucidate the information about preparation of different gardening. CO2- U (16)
 Or
 (b) Give the detailed information of Post-harvest operation for landscape system. CO2- U (16)
18. (a) Elaborate and give the detailed information of Functional uses of plant material and Architectural uses of plant material CO3- U (16)
 Or
 (b) Elucidate the information about preparation of different gardening. CO3- U (16)
19. (a) Explain application of CAD in Landscape garden designing? CO4- U (16)
 Or
 (b) Explain the Easy step for making terrace garden? CO4- U (16)
20. (a) Give the details and advantages of vertical gardening types and its benefits? CO5- U (16)
 Or
 (b) Explain the Use of turf growth regulators (TGRs) and micronutrients, turf mowing CO5- U (16)

