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D – 2531

Reg. No. : .....

Name : .....

Fifth Semester B.Sc. Degree Examination, December 2017
First Degree Programme Under CBCSS
Botany
Open Course
BO 1551.1 : HORTICULTURE
(2013 Admission Onwards)

Time : 3 Hours

Max. Marks : 80

All Saints' College Trivandrum

SECTION – A

Write a short note on the following. **All** questions are **compulsory**.

1. Olericulture
2. Hydroponics
3. Asexual propagation
4. Vermicompost
5. Arboretum
6. Bonsai
7. Ikebana
8. Blanching
9. Florigen
10. Powdery Mildew disease.

(1×10=10 Marks)

SECTION – B

Answer **any 8** questions. **Each** question carries **2** marks.

11. Write about divisions and scope of horticulture.
12. Write about types of soil.
13. Define layering and grafting methods.

14. Write about difference between farmyard manure and bio-fertilizers.
15. Name any four garden tools and its purpose.
16. What is Green House Effect ?
17. What are the components of a "Park" ?
18. Give some notes about topiary, trophy and rockery.
19. Write brief notes about Auxin and Gibberellins.
20. Write some notes about flower arrangements.
21. Give some notes about Parthenocarpy.
22. Discuss something about Indoor and Roof garden. **(2×8=16 Marks)**

SECTION – C

Answer **any six** of the following. **Each** question carries **4** marks.

23. Write notes about Bonsai tree preparation.
24. Discuss some green house gases and its effect.
25. Write about potting media.
26. Write about irrigation methods.
27. Discuss about methods of budding and grafting.
28. Discuss about various types of manures and their importance of horticulture.
29. Write about preparation of lawns and landscaping.
30. Discuss about post harvest methods and storage of cereals.
31. Give some accounts on Weedicides and Fungicides. **(4×6=24 Marks)**

SECTION – D

Answer **any 2** questions. **Each** question carries **15** marks.

32. Write detailed notes on irrigation methods and hydroponics.
33. Write detailed notes on garden making and landscaping methods.
34. Write notes on methods involved in preservation of fruits and vegetables.
35. Write some notes on common diseases of fruits and vegetable crops. **(15×2=30 Marks)**

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