

Hemchandracharya North Gujarat University
Community College
Advance Diploma in Agriculture and Soil Science
Semester- IV
End Term Semester Examination, May-2017
AS- 402 Applied Horticulture

Time: 2 hrs

Date: 05/05/2017

Marks: 40

Q.1 Answer any 10 MCQ questions. Each question carries 1 mark.

[10*1=10]

1. ----- is treated with 50% H₂SO₄
[A] Cotton [B] Asperaguse
[C] Ber [D] Apple
2. Cultivation of vegetable is called -----
[A] Floriculture [B] None of these
[C] Olericulture [D] Pomology
3. Meaneing of Hortus in horticulture
[A] . Garden [B] Soil
[C] . Lawn [D] None of these
4. In which method plant part are not detach without rooting.
[A] Cutting [B] Layering
[C] Grafting [D] Budding
5. Which plant growth hormones are use for weed control.
A. Auxin B. Ethylene D. Abscisic acid
C. Cytokinin D. Abscisic acid .
6. Define Horticulture
7. Define Pomology
8. Define Plant Growth Regulators.
9. Define Suckers
10. Define Layering.

Q.2 Answer any 4 questions. Each question carries 05 marks.

[4*5=20]

1. Why grafting and budding methods are required for plant propagation? Justify.
2. Write down the ideal characteristics of propagation media..
3. Write down the practical uses of cytokinin.
4. Enlist the role of gibberellins and describe any three roles.
5. Difference between cutting and layering

Q.3 Answer any one. Each question carries 10 marks.

[1*10=10]

1. Define plant propagation and write down advantages and disadvantages of sexual propagation.
2. Write a detailed note on various cutting methods.