

Hemchandracharya North Gujarat University
Advance Diploma in Agriculture and Soil Science
Semester- IV

End Term Examination, March/June: 2019

Subject Code: - AS- 402

Subject: - Applied Horticulture

Time: 2 hrs

Date: 26/04/2019

Marks: 40

Q.1 Answer any 10 MCQ questions. Each question carries 1 mark. [10*1=10]

- _____ is the science of production of fruit crops.
[A] Pomology [B] Floriculture
[C] Olericulture [D] Silviculture
- The plant complete their life cycle in one year or one season is called as _____.
[A] Annual [B] Biennial
[C] Perennial [D] Deciduous
- _____ is a temperate fruits.
[A] Apple [B] Banana
[C] Mango [D] Guava
- The method of irrigation where water is applied directly to the root zone is called as _____.
[A] Drip irrigation [B] Sprinkler irrigation
[C] Sub surface irrigation [D] Surface irrigation
- Lower part of grafting union is called as _____.
[A] Scion [B] Bud
[C] Stock [D] Martik

Define/Explain:

- Training
- Pruning
- Horticulture
- Pomology
- Growth retardants

Q.2 Answer any 4 questions. Each question carries 05 marks. [4*5=20]

- Write down the objectives and principles of training and pruning.
- Write down the benefits of raising nursery.
- Write down the advantages and disadvantages of vegetative propagation.
- Enlist the role of cytokine and describe practical uses of cytokine in detail.
- Enlist the nursery bed and describe all nursery bed in detail.

[P. T. O.]

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

[1*10=10]

1. Define Pruning and describe any three methods of pruning in detail.
2. Define cutting, enlist types of cutting methods and explain types of stem in detail cutting.

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