

Pramukh Sami Science and H. D. Patel Arts College, Kadi  
Community College

Advance Diploma in Agriculture and Soil Science  
Semester- IV

Internal Examination, March-2019

Subject Code: - AS- 402

Subject: - Applied Horticulture

Time: 2 hrs

Date: 26/03/2019

Marks: 40

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

[10\*1=10]

1. Which among the following vegetable is rich in iodine?  
[A] Tomato [B] Okra  
[C] Chilli [D] Brinjal
2. Which one is variety of bell pepper?  
[A] California wonder [B] Bharat  
[C] ArkaBasant [D] PusaJwala
3. What is the ideal spacing of okra during summer season ?  
[A] 30 X 15 cm [B] 45 X 60 cm  
[C] 60 X 60 cm [D] 10 X 15 cm
4. Which is the place of origin of brinjal?  
[A] India [B] Srilanka  
[C] USA [D] China
5. Beet root belongs to family\_\_\_\_\_  
[A]Chenopodiaceae [B] Cruciferae  
[C]Sloanaceae [D] None of these
6. Tuberose is propagated by\_\_\_\_\_  
[A] Bulb [B] Corm  
[C] Seed [D] Sucker
7. Alphanso is a variety of \_\_\_\_\_.  
[A]Mango [B] Aonla  
[C] Sapota [D] Custerd apple
8. Ability of seed to germinate is called as \_\_\_\_\_.  
[A] Vitality [B] Sprouting  
[C] Viability [D] Polyembryonic
9. Water conducting tissue from root to shoot of plant is called as \_\_\_\_\_.  
[A] Xylem [B] Phloem  
[C] Cambium [D] Cell
10. Lower part of grafting union is called as \_\_\_\_\_.  
[A] Scion [B] Bud  
[C] Stock [D] Martik

[P. T. O.]

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

**[4\*5=20]**

1. Write down the advantages and disadvantages of asexual propagation.
2. Write down the Practical use of Auxin.
3. Write down the stem cutting in detail.
4. Enlist and explain in detail about importance of horticulture.
5. Write down the definition of runner, sucker, stolon, bulb & rhizome.

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

**[1\*10=10]**

1. Define layering, enlist types of layering methods and explain in detail all method.
2. Define budding, enlist method of budding & explain any two methods of budding in detail with figure.

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