



Registration No: .....  
Total Number of Pages : 2 AR-2017 B.SC (AG)  
4<sup>th</sup> SEMESTER REGULAR EXAMINATION-NOV-2019  
HT-243  
Production Technology for Ornamental Crops, MAP and Landscaping  
Time : 2 Hours Maximum : 50 Marks

(Answer all questions of Section – A)

SECTION – A

Q.1 Fill up the Blanks with suitable and meaningful word(s): [ 10 X 0.5= 5]

- a Botanically Periwinkle is known as \_\_\_\_\_.
- b Gulkand is prepared from petals of \_\_\_\_\_.
- c Pyrethrum is obtained from \_\_\_\_\_.
- d Tuberose belongs to the family \_\_\_\_\_.
- e Dieback in rose is caused by \_\_\_\_\_.
- f Rajat Rekha is a cultivar of \_\_\_\_\_.
- g No pinch no stake type chrysanthemums are commonly known as \_\_\_\_\_.
- h It is necessary to have \_\_\_\_\_ in a garden when a path goes from one level to the other.
- i In an informal garden, a path with \_\_\_\_\_ curves look much better than a straight path.
- j Brindavan garden is situated in \_\_\_\_\_.

Q.2. Define or Explain the following in one or two sentences [ 5 × 1 = 5]

- a) Bird's Bath
- b) Floral clock
- c) Statue
- d) Uses of Aloe
- e) Medicinal properties of *Ocimum*

Q.3. Match the following [10 × 0.5 = 5]

Column A

- (a) Periwinkle
- (b) Tuberose
- (c) Cinnamomum
- (d) Gladiolus
- (e) Kadamba
- (f) Peepal
- (g) Avenue
- (h) Annual foliage
- (i) Orchid
- (j) Rose

Column B

- (i) *Anthocephalus cadamba*
- (ii) *Ficus religiosa*
- (iii) *Peltophorum ferugineum*
- (iv) Pollinia
- (v) Seed
- (vi) Hip
- (vii) Tinting
- (viii) Bark
- (ix) Corm
- (x) *Kochia*



Q.4. Write TRUE or FALSE against the following statements

[ 10 × 0.5 = 5]

- a) Chrysanthemum is a short day plant.
- b) *Diffenbachia* is a house plant mostly used for edging.
- c) Tuberose is commonly known as sword lily.
- d) Bougainvillea is a climber.
- e) *Quisqualis indica* is commonly known as Railway creeper.
- f) Calys splitting is a common problem in carnation.
- g) Decorating pockets and coat collars with a single flower is known as *Gajra*.
- h) *Delonix regia* is suitable for avenue.
- i) Tinting is a special practice in tuberose.
- j) HQC is used in vase solution to prolong the vase life of flowers.

SECTION – B: (Short Answer Questions)

(Attempt any five questions. Each question carries equal marks)

[5 x 6 =30]

- Q.5 Explain the production technology of galadiolus.
- Q.6 Describe the scope and importance of flower crops in Odisha.
- Q.7 Define landscaping. Write down the basic principles for landscape designing.
- Q.8 Describe in brief the production technology of aloe vera and periwinkle. Write down their uses.
- Q.9 Describe in brief the production technology of lemon grass and citronella.
- Q.10 Explain the production technology for rose in protected condition.