

Roll No. : (in figure) _____ (in words) _____

Student Index No. _____ Regn. No. _____ of _____

Time : Two Hours

Full marks : 50

Questions are of value as indicated in the margin

Part - I
(Objective and Short Answer Type)
(Use only ball point pen)

Time : 30 minutes

Full marks : 20

- Note:** 1. Answer in question paper itself.
2. Striking, rewriting or overwriting are not allowed in the objective type questions.

1. **Fill up the blanks with most appropriate words (any ten) :** 0.5×10=5

- i) The edible part of cabbage is known as _____
- ii) The term 'blanching' is associated with _____
- iii) Red colour of chilli is due to presence of _____
- iv) 'Rio-de-Janeiro' is an exotic cultivar of _____
- v) 'Early Purple Vienna' is the variety of _____
- vi) Bush pepper is raised from the cutting selected from _____ branch.
- vii) Coriander belongs to the family of _____
- viii) Botanical name Frenchbean is _____
- ix) Edible part of clove is _____
- x) _____ is a single seeded cucurbit
- xi) Buttoning is a disorder associated with _____
- xii) 'Whiptail' in cauliflower occurs due to deficiency of _____

2. **Tick (✓) the correct alternatives:** 0.5×10=5

- i) Pusa Subhra is a variety of (a) Broccoli (b) Chilli (c) Cauliflower (d) Pea
- ii) The spice which was used by meat packers for preservation is
(a) Ginger (b) Black Pepper (c) Chilli (d) Onion
- iii) Phomopsis blight is the most important fungal disease of
(a) Cowpea (b) Chilli (c) Potato (d) Brinjal
- iv) Arka Chandan is a variety of (a) Bottle ground (b) Tomato (c) Pumpkin (d) Bittergourd
- v) The edible part of cauliflower is known as (a) Curd (b) Bulb (c) Tuber (d) Head
- vi) Commercially oleoresin is extracted from (a) Ridge gourd (b) Garlic (c) Brinjal (d) Chilli
- vii) Cardamom is commercially propagated from (a) Cutting (b) Layering (c) Seed (d) Grafting
- viii) Fruit and shoot borer is the most important pest for
(a) Cauliflower (b) Brinjal (c) Broccoli (d) Radish
- ix) 'Agrifound Dark Red' is a variety of (a) Onion (b) Tomato (c) Knolkhol (d) Carrot
- x) 'Rapid multiplication technique' is adopted in (a) Chilli (b) Black pepper
(c) Clove (d) Cardamom

(2)

3. Write short notes :

2×5=10

(a) Sex forms of cucurbits

(b) Propagation of sweet potato

(c) Shoot types of black pepper

(d) Bitterness in cucurbits

(e) YVMV of Okra

B.Sc. (Honours) Agriculture Examination, 2018
Semester-III
Course No: HOR-211
(Production Technology for Vegetable and Species)

Part - II
(Descriptive Type)

Time : 90 Minutes

Full marks : 30

Questions are of value as indicated in the margin

Answer *any three* questions

4. Define Cole Crops. Give the botanical name of different cole crops with their edible part. Discuss in short about the physiological disorder of Cauliflower. 2+3+5=10
 5. Mention the botanical name, Seedrate, spacing, time of sowing and yield of the following Crops i) Brinjal, ii) Cabbage iii) Okra iv) Garden Pea and v) Coriender in Tabular form. 4+3+3=10
 6. Enumerate shortly about Production method of onion on i) Seed rate and Seedling raising ii) Varitey iii) Nutrient management iv) Intercultural operation v) Harvesting and yield. 2×5=10
 7. Mention the Cullivation Practices of any one spice crop on following items which is not propagated by seed i) Time of Sowing/Transplanting ii) Method of Propagation iii) Intercultural operation iv) Nutritional requirement and v) Processing. 2×5=10
 8. Answer in brief (**any four**) : 2.5×4=10
 - i) Flower type of Brinjal
 - ii) Fruit set in Tomato
 - iii) Characteristics of cucurbits
 - iv) Propagation of Pointed gourd
 - v) Vegetable amaranthus
 - vi) Botting of Onion
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