

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Agriculture 2015 & Previous Admissions
IV Semester Final Examination-August 2017

Hort. 2204

Vegetable Crops (2+1)

Marks: 50
Time: 2 hours

(10 x 1=10)

Fill in the blanks:

- 1 ✓ The pungency in chillies is due to -----
- 2 ✓ The red colour of tomato is due to the presence of -----
- 3 The seed production chain consists of Breeder, ----- and certified seeds.
- 4 All Green is a variety of -----
- 5 ✓ Golden yellow coloured tag is used for ----- seed.

State True or False:

- 6 ✓ Moisture stress during seed development favourably affects germinability.
- 7 Cauliflower is a self pollinated crop.
- 8 ✓ Okra is a fruit vegetable.
- 9 Drip irrigation helps in water saving.
- 10 Quisto is a variety of cabbage.

Write short notes on any FIVE:

(5 x 2=10)

- 1 Relay cropping.
- 2 ✓ Seed production in cool season vegetables.
- 3 ✓ Kitchen garden.
- 4 Tropical cauliflower.
- 5 ✓ Soil solarization
- 6 ✓ Sprinkler irrigation.
- 7 Damping off with reference to nursery raising.

Answer any FIVE:

(5 x 4=20)

- 1 Physiological disorders in vegetables.
- 2 Abiotic stresses.
- 3 ✓ Organic farming.
- 4 Nutritive value of important leguminous vegetables and their role in human health.
- 5 Scope of vegetables in Kerala.
- 6 ✓ Integrated weed management.
- 7 ✓ Protected cultivation.

Write essay on any ONE:

(1 x 10=10)

- 1 Enumerate the problems and prospects of annual summer leafy vegetables in Kerala. Describe in detail the cultivation practices of leafy vegetables with particular reference to amaranth.
- 2 ✓ Describe the role of climatic factors in quality seed production of vegetables.
