



KERALA AGRICULTURAL UNIVERSITY
B. Sc. (Hons.) Ag. 2017 admission
IV Semester Final Examination-August-2019

Hort.2204

Production Technology for Vegetable crops (2+1)

Marks: 50
Time: 2 hours

I Fill in the blanks (10x1=10)

- 1 Amaranthus, portulaca and basella contain appreciable quantities of oxalic acid, which binds with calcium and form.....
- 2 The most serious diseases of okra is.....
- 3 (10 % lycopene) is suitable for distance transportation.
- 4 Fruit drop in chilli is controlled by spray ofand.....
- 5growth regulator is used for inducing female flower in cucurbits.

Match the following

- | A | B |
|----------------|-------------------------------------|
| 6 Black carrot | a cyanogenic glucoside |
| 7 Solasodine | b kanji |
| 8 Oleoresin | c carotene with no vitamin activity |
| 9 Cassava | d essential oil in chilli |
| 10 Lycopene | e glycol alkaloid in brinjal |

II Write short notes on ANY FIVE of the following (5x2=10)

- 1 Write about the maturity indices for harvesting tapioca.
- 2 Give the classification of vegetables based on hardness.
- 3 GAP in vegetable production.
- 4 Heterostyly in brinjal.
- 5 Write river bed cultivation with suitable example.
- 6 Maturity indices and harvesting of okra.
- 7 Enlist and elaborate the types of onion.

III Answer ANY FIVE of the following (5x4=20)

- 1 Explain the production technology of leafy vegetables- basella, chekkurmanis and palak.
- 2 Explain the production technology of brinjal.
- 3 Explain the physiological disorder of tomato.
- 4 Specify the export standards for onion.
- 5 Explain the harvesting, yield and storage of cauliflower.
- 6 Reason for cavity spot and splitting in carrot.
- 7 Explain the method of cultivation of potato.

IV Write an essay on ANY ONE of the following (1x10=10)

- 1 Elucidate about the vegetable production in nutrition garden and its principles.
- 2 Explain the package of practices and post harvest handling of cassava.
