



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Ag. 2017 Admission
I Semester Final Examination-February-2018

Hort.1101

Fundamentals of Horticulture (1+1)

Marks: 50

Time: 2 hours
(10x1=10)

I Fill in the blanks

- 1 The plant part used as a bridge to connect the incompatible rootstock and scion is called as-----
- 2 Supply of fertilizers through drip system is called as-----
- 3 Development of fruit without fertilization is termed as-----
- 4 Olericulture is the study of-----crops.

Match the following

- | | | |
|---------------------|---|-------------------|
| 5 Inarching | a | Suckers |
| 6 Banana | b | Vermiculite |
| 7 Propagation media | c | Ripening |
| 8 Ethrel | d | Approach grafting |

State True or False

- 9 Curcumin is the principal curcuminoid of turmeric
- 10 Vegetables are cultivated in mist chamber under protected cultivation

II Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Clone
- 2 Dioecious plants
- 3 Plantation Crops
- 4 Deciduous tree
- 5 Floriculture
- 6 Pollarding
- 7 Cauliflorous flowering

III Answer ANY FIVE of the following

(5x4=20)

- 1 Define Apomixis. How apomictic plants are classified?
- 2 Define cuttings. What are the types of cuttings used for plant propagation?
- 3 What is graft incompatibility? What are the types of incompatibility ?
- 4 Define Micropropagation. List out any four of its advantages.
- 5 What is Quincunx system of planting?
- 6 Define intercropping.
- 7 What are the different methods of training adopted for horticultural crops?

IV Write an essay on ANY ONE of the following

(1x10=10)

- 1 Define plant growth regulators and write its application in horticultural Crops
- 2 What is pruning ? Write about special pruning methods adopted for horticultural corps.
