

KERALA AGRICULTURAL UNIVERSITY

B.Sc Hons (Ag) 2010 Admission

Vth Semester Final Examination- January /February -2013

Cat. No: Hort.3105

Marks: 80

Title: Fruit Crops (2+1)

Time: 3 hours

I. Answer all questions

(10 x 1 = 10)

1. What are the following?

- a. Stenospermocarpy
- b. Atemoya
- c. Bodles Altafort
- d. Caprification
- e. Climacteric fruit

2. Fill up the blanks

- a. is a pineapple hybrid released from Kerala Agricultural University
- b. The genomic group of banana variety Nendran is
- c. is the scientific name of sour sop.
- d. is the growth regulator used for regulation of flowering in pineapple.
- e. is a dwarfing rootstock of mango.

II. Write short notes on ANY TEN of the following

(10 x 3 = 30)

1. Classification of fruits based on climatic requirements
2. Polyembryony in mango
3. Virus indexing in citrus
4. Dwarfing rootstocks in apple
5. Chemotaxonomy
6. Pollination in fig
7. Parthenocarpy
8. Pollarding in guava
9. Maturity indices of mango and sapota
10. Sex expression in papaya
11. High density planting in banana
12. Floral biology of avocado

III. Write short essays on ANY SIX of the following

(6 x 5 = 30)

1. Classification of citrus
2. Genomic classification of banana
3. Importance and method of extraction of papain
4. Regulation of flowering in pineapple
5. Chilling requirement of temperate fruits
6. Cultivation practices of strawberry
7. Meadow orcharding
8. Peculiarities of South Indian viticulture

IV. Write an essay on ANY ONE of the following

(1 x 10 = 10)

1. Describe different training systems followed in grapes.
2. Discuss the scope of protected cultivation in fruit crops.
3. Write an essay on the importance and scope of fruit crop industry in India, with special reference to Kerala.