

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Ag) 2006 Admission Vth Semester
Final Examination, March 2009

Hort 3105
Fruit Crops (2+1)

Max. Marks: 60
Time: 2½ hours

I. Fill up the blanks

20x0.5 = 10

1. is a late season variety of Mango
2. is a grape variety with white berries
3. is a popular variety of Sapota in Andra Pradesh
4. is a recently released variety of guava from IIHR
5. Bearing habit in Jack is

II. Give the name of

6. Chemical to overcome seediness in banana
7. Seedless lime variety
8. Nematode resistant root stock of grapes
9. Red fleshed Guava variety
10. Pineapple suitable for canning

III. Say True or False

11. Arka Aruna is a hybrid of Alphonso & Banganapalli
12. Arka Neelamani bears yellowish green berries
13. Dolkha is a hard seeded pomegranate variety
14. Cherimola is a cross between *A. reticulata* and *A. squamosa*
15. Date palm require high humidity during fruit development

IV. Choose the correct Answer

16. Pine apple starts flowering in
a) 13-15 months b) 15-18 months c) 18-21 months
17. Variety of pomegranate developed from IIHR
a) Ruby b) Ganesh c) Mirudula
18. Late variety of Apple
a) Golden delicious b) Red Delicious c) Jonathan
19. *Pyrus pyrifolia* is
a) European Pear b) Oriental c) Hybrid
20. Karpooravalli belongs to
a) AAA b) ABB c) AAB

II. A Distinguish between

5x 1 = 5

21. Pollination and Pollinators
22. Regular and off season bearing mango
23. Sirumalai and Virupakshi banana
24. Fruiting spurs and foundation spurs in grapes
25. Dioecious and Gynodioecious papaya

II. B. Give reasons

5 x 1 = 5

26. Seediness in poovan
27. Single stem training not advised in pomegranate
28. Parring and pralinage in banana
29. Pruning or shoot thinning done only during september in Mango
30. Pandal system ideal for grapes in S. India

II. C. Define

4 x 1 = 4

31. Mattocking in banana
32. June drop in Apple
33. Multiple crown in pineapple
34. Application of sandolin-A in apple

III. Write short Notes on any eight

8 x 2 = 16

35. Black tip in mango
36. Climatic requirement for date palm
37. Apple root stocks
38. Propagation methods in pineapple
39. Sucker treatment in guava
40. Pruning of grapes
41. Crop regulation in pomegranate
42. Propagation of Jack
43. Seedless grape varieties
44. Disorders in Apple

IV. Answer any Five

(1250 only)

5 x 4 = 20

45. Give the cultural practices for Pomegranate
46. Discuss on the varietal wealth of Mango
47. Discuss on the field problems of Banana
48. Give the cultural practices for Sapota
49. Discuss on the hi-tech practices of pineapple cultivation
50. Give the cultural practices for Apple