

M.Sc. (Ag.) Semester -II Examination 2015
Horticulture
Course : HOR 513
(Subtropical and Temperate Fruit Production)

Time : Three Hours

Full Marks : 50

Questions are of value as indicated in the margin.

Answer **any five** questions

1. Describe in brief the production technology of grapes with special reference to varieties, propagation, use of growth regulator and canopy management. 10
 2. Mention important varieties of apple? Describe the management of apple root-stocks. How maturity is judged in apple? 3+4+3=10
 3. Write in brief (a) Rootstocks of pear (b) Classes and varieties of plum (c) Climatic requirement of peach (d) Propagation of cherry. 2.5×4=10
 4. Describe the cultivation technology of strawberry with the following points: soil and climatic requirement, varieties, propagation, uses of mulches and harvesting. 10
 5. Write short notes on (a) Physiological disorder of litchi (b) Propagation and planting of loquat (c) Types and sex forms of kiwi fruit (d) Climatic requirement of loquat. 2.5×4=10
 6. Write the uses of pomegranate. Briefly discuss the production technology of pomegranate stating varieties, propagation, manuring, pruning, maturity and harvesting. 10
 7. Describe the importance of 'Bael' as arid fruit crop. Write the nutritional importance and uses of 'Bael'. Mention varieties, propagation and value addition of 'Bael'. 2+2+6=10
 8. Write short notes on (**any four**) : 2.5×4=10
 - (a) Types of carambola
 - (b) Varieties of pomegranate
 - (c) Importance of wood apple
 - (d) Soil and climatic requirement of rambutan
 - (e) Pruning of pomegranate
 - (f) Bearing habits of carambola
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