

M.Sc. (Ag.) Examination, 2019
Semester-II
Horticulture
Course No: HOR-513
(Subtropical and Temperate Fruit Production)

Time: Three Hours

Full Marks: 50

Questions are of the value as indicated in the margin

Answer ***any five*** of the following questions.

1. State the production technology of litchi with special reference to soil and climate, varieties, flowering, fruiting, propagation, harvesting and yield. 10
 2. Describe package of practices for pomegranate with respect to important varieties, training and pruning, fertilizer application, crop regulation, harvesting and yield. 10
 3. Write down the production technologies of apple with reference to important varieties, rootstocks and management of high density orchard. 10
 4. Write in brief about the production technology of peach mentioning cultivars, rootstocks, vegetative propagation and training and pruning. 10
 5. Discuss shortly about the cultivars, climatic requirements, propagation, nutrient management, maturity and harvesting of strawberry. 10
 6. Enumerate in brief about the important varieties, propagation, fertilizer requirements, training and pruning of grapes grown in India. 10
 7. Write in brief about the cultivation methods of bael with reference to soil and climate, varieties, propagation, fruit growth and development and harvesting. 10
 8. Write short notes on the following (***any five***): 2×5=10
 - (a) European types of pear.
 - (b) Chilling requirement and pollination of kiwifruit.
 - (c) Varieties of loquat.
 - (d) Pollination of sweet cherries.
 - (e) Physiological disorder of litchi.
 - (f) Importance and uses of wood apple.
 - (g) Important cultivars of carambola.
 - (h) Pollinizers of plum.
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