

M.Sc. (Ag.) Examination, 2017

Semester-II

Horticulture

Course – HOR-503

(Fundamental of Plantation, Spices, Medicinal & Aromatic Crops)

Time: 3 Hours

Full Marks: 80

Questions are of value as indicated in the margin.

Answer **any five** questions

1. a) Define plantation crops with salient features.
b) Write down briefly the role and importance of plantation crops in national economy.
c) Differentiate between Arabian and Robusta coffee. 4+4+8=16
 2. Briefly discuss about cultivation of tea with special reference to varieties, propagation, transplanting, harvesting and processing. 16
 3. Enumerate briefly the varieties, climate and soil requirement, propagation and planting, nutrient management and harvesting of coconut. 16
 4. Briefly describe the cultivation technology of medicinal yam with special reference to soil and climate, varieties, propagation and planting, manuring, harvesting and yield. 16
 5. Write in brief about the cultivation technology of citronella grass with special reference to soil and climatic requirement, varieties, propagation and planting, maturing, harvesting and yield. 16
 6. Describe in brief about the soil and climatic requirement, varieties, planting, nutrient management, harvesting and processing of black pepper. 16
 7. Write down the improved cultivation practices of ginger with reference to varieties, soil and climatic requirement, intercultural operation and harvesting and curing. 16
 8. Write short notes (**any four**): 4×4=16
 - a) Training and pruning in coffee
 - b) Curing of turmeric
 - c) Industrial uses of Indian aloe and ocimum
 - d) Curing of cardamom
 - e) History of perfumery industry in India
 - f) Lancing and latex collection of opium poppy
-