

Answer all questions.

Time : 03hours

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- 1a Describe how you would advice a farmer in the dry zone to cultivate a hectare of cowpea.
- b. What are the problems commonly encountered in the cultivation of this crop.
- 2 a. Describe the special agronomic practices recommended in the cultivation of sugarcane.
- b. Briefly describe the soil and climatic requirements of soya bean.
- 3 a. What is meant by boll - shedding and boll - drying in cotton.
- b. Briefly discuss the factors which cause the boll-shedding and boll - drying in cotton.
- 4 a. Briefly discuss the different methods of planting adopted in Manioc.
- b. Indicate four recommended varieties, growth duration and their yield of sweet potato.
- c. Indicate the planting materials and method of planting adopted for three (03) named aroids.
- 5 a. Briefly discuss the dry set nursery in big onion.
- b. Indicate the varieties, seed rate and planting for ginger and turmeric.
6. Write short notes on the following:
- a. Burning quality of tobacco.
- b. Earthing - up of potato and groundnut.
- c. Pops in groundnuts.