

Exam. Code : 103206

Subject Code : 1331

B.A./B.Sc. 6th Semester

BOTANY

Paper—VI—B (Economic Botany)

Time Allowed—2 Hours]

[Maximum Marks—35

Note :— Attempt any **FOUR** questions. All questions carry equal marks.

1. Give an account of packages and practices employed for cultivation of Potato in Punjab. Enlist the high yielding varieties of Potato recommended for cultivation in different regions of Punjab State. Give reasons why Central Potato Research Institute is located in Shimla ?
2. Give an account of cultivation practices recommended for the cultivation of Rice in Punjab. Enlist some of the important high yielding varieties of Rice recommended for cultivation of this crop in Punjab State. What steps will you suggest for stubble management in rice ? Where is International Rice Research Institute located ?
3. Name the different classes of vegetable oils studied by you. To which of these classes Groundnut oil, Mustard oil and Coconut oil are classified ? Give an account of cultivation practices and varieties recommended in case of Groundnut. Also give a brief account of the extraction process for Groundnut oil.

4. Give an account of botanical name of the plant, family, plant part used, active principal and medicinal utility of amla, ashwagandha, datura and poppy.
5. Define condiments. Give an account of the botanical name, family, part of the plant from which condiment is obtained and possible uses in case of ginger, fennel, cardamom and coriander.
6. Give an account of cultivation practices, processing, production, consumption of tea in India and the advantages associated with its consumption.
7. Give an account of sources, production and application of commercial Rubber in India.
8. Give a general account of the major properties of wood which makes it as an important source of timber and fuel.