

**Set-B**

**Unique Paper Code :** 32161302

**Name of the paper :** Economic Botany

**Name of the Course :** B. Sc. Hons. Botany (CBCS)

**Semester :** III

**Time: 3 +1 Hours**

**Maximum Marks: 75**

(Write your University Roll Number and Paper Title & Code on top of the Answer Sheet)

*Attempt any four questions in all. All questions carry equal marks (i.e. 18.75).*

1. Write the botanical name and family of clove and black pepper. Write their morphological and anatomical structures with well labelled diagrams. Describe the economic importance of spices.
2. What is CTC tea ? Write the botanical name and family of tea. Discuss the chemical composition and give a detailed account of harvesting and processing of different types of tea.
3. Write about mustard and groundnut with respect to their morphology, chemical composition and their economic uses. Differentiate between essential oils and vegetable oils. Explain in detail methods of processing of edible vegetable oil.
4. Trace the evolution of hexaploid wheat. Differentiate between cereals and millets and give a brief account of millets.
5. Name any one research centre in India which is associated with cotton improvement. Differentiate between lint and fuzz and discuss the harvesting, processing and uses of cotton.
6. Write the botanical name, family and chemical constituent of fever bark tree ? Discuss any two plants and its derivatives in relation to their therapeutic and habit-forming nature.