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3 (Sem-3/CBCS) BOT HC 2

2023

BOTANY

(Honours Core)

Paper : BOT-HC-3026

(Economic Botany)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following : 1×7=7
- (a) Name the centre of origin of coffee.
 - (b) What is sattu ?
 - (c) What is retting ?
 - (d) What is the importance of legumes in our meal ?
 - (e) What type of fiber is cotton ?

Contd.

- (f) Name a drug obtained from opium poppy.
- (g) Mention the use of bagasse.
2. Answer the following questions : $2 \times 4 = 8$
- (a) Mention the uses of rice bran.
- (b) What is crepe rubber ?
- (c) Differentiate green tea from black tea.
- (d) Mention the health hazards of tobacco.
3. Answer **any three** of the following questions : $5 \times 3 = 15$
- (a) Write a note on the role of legumes in eco-system.
- (b) Mention the importance of germplasm diversity.
- (c) Write a comparative account on fatty oils and essential oils.
- (d) Write a note on habit-forming drugs.
- (e) Mention the uses of teak and pine wood.

4. Answer the following questions : (**any three**)
 $10 \times 3 = 30$
- (a) Describe the various centres of the origin of cultivated plants given by Vavilov.
- (b) Give an account of millets cultivated in India.
- (c) Give an account of morphology and processing of sugarcane mentioning the products and byproducts of sugarcane industry.
- (d) Give an account of essential oils mentioning their sources and uses.
- (e) Give an account of morphology, process of extraction and uses of jute.
- (f) Give a general account of spices grown in India mentioning their economic importance and parts used.