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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 : $1 \times 7 = 7$

- (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.