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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: 2×4=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: 5×3=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)

10×3=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.