

CS/2051

PLANT UTILIZATION–XII

(Semester–VI)

Time : Three Hours]

[Maximum Marks : 40

Note : Attempt *two* questions from each Section A and B and the entire Section C, which is compulsory.

SECTION–A

- I. Define the term timber and discuss its properties. Describe the five important timber sources of India. (6)
- II. Give botanic name and family of Rice. Discuss the cultivations practices of rice with particular reference to Punjab. Name the rice varieties recommended for Punjab. (6)
- III. What do you mean by fixed vegetable oils? Explain the cultivation practices and uses of " Mustard. (6)
- IV. Write down the botanic name, family, season and area of cultivation of potato, pea, apple and grapes. (6)

SECTION-B

- V. What are spices and condiments? Give botanic name, family, part used and uses of clove, turmeric, cardamom and cumin. (6)
- VI. Write down the botanic name, family, plant part used, active principle and uses of belladonna, neem, stevia and rauwolfia. (6)
- VII. Name the botanic source of tea. Discuss its cultivation practices, active ingredients and uses. (6)
- VIII. (a) What is the source of para rubber? Give an account of its cultivation practices. (4)
- (b) Write a note on opium. (2)

SECTION-C

- IX. Answer the following questions in 8-10 lines :
- (a) Differentiate between Lint and Fuzz.
- (b) What do you mean by seed canes?
- (c) Write down the botanic name and uses of sunflower.
- (d) Give botanic name, family and area of cultivation of guava and ladyfinger.
- (e) Name the source of ginger and write down its uses.

- (f) What is the botanic name of tulsi? Comment on its medicinal uses.
- (g) Describe the effects of tobacco on human health.
- (h) Name the source of coffee and give its active ingredients. (8×2=16)
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