

BOT-I-002
B.Sc. I Semester Degree Examination
BOTANY
Plants and Human Welfare
Paper : OE 1.1
(NEP - 2024)

Time : 2 Hours

Instructions to Candidates:

Maximum Marks : 60

- 1) Answer All the Sections.
- 2) Diagrams will enhance the value of answers.

SECTION - A

I. Answer any Five of the following questions.

(5×2=10)

1.
 - a) What is green revolution?
 - b) Write a Botanical name of cotton and Jute?
 - c) What are Beverages ? Give an example.
 - d) Mention any two oil yielding plants.
 - e) What are cash crops ? Give an examples.
 - f) Name any two drug yielding plants.
 - g) What are essential oil? Give an examples.

SECTION - B

II. Answer any Four of the following questions.

(4×5=20)

2. Explain the post harvest processing.
3. Explain the economic importance of spices.
4. Describe the method of extraction of rose oil.
5. What are millets? Add a note on nutritional value.
6. Explain therapeutic value of aloe vera and cinchona.
7. Write an importance of plant biodiversity.

SECTION - C

(3×10=30)

III. Answer any Three of the following questions.

8. Explain in brief cultivation and uses of mango.
 9. Discuss biofuel and its importance.
 10. Write botanical name, family and uses of following.
 - a) Wheat
 - b) Rice
 - c) Green gram
 - d) Chickpea
 11. Explain the byproducts of sugarcane industry.
 12. Write brief note on morphology, processing and uses of coffee.
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