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I Semester B.Sc. Degree Examination, May/June - 2022

BOTANY

Plants and Human Welfare (Open Elective Course)

Paper : OE-1

(NEP Scheme 2021-Onwards)



Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

1. Answer all parts.
2. Draw diagrams wherever necessary.

PART - A

A. Answer any Four of the following in two or three sentences.

(4×2=8)

1. Define Genetic diversity?
2. What is green revolution?
3. Mention any two uses of wheat.
4. Tapping of Rubber.
5. Mention the uses of Neem oil.
6. Therapeutic uses of Aloe vera.

PART - B

B. Write critical notes on any Four of the following.

(4×5=20)

7. Write a brief note on Millets and their importance.
8. Economic importance of Legumes.
9. Importance of plant conservation.
10. Fibre yielding plants.
11. Processing and uses of Mango and Grapes.
12. Economic importance of fennel and black pepper.

[P.T.O.]



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PART - C

C. Give a comprehensive account on any **Four** of the following. **(4×8=32)**

13. Explain the morphology, processing and economic importance of sugarcane.
 14. Mention the botanical name, family, part used and uses of oil yielding plants.
 15. Describe the therapeutic uses of drug yielding plants.
 16. What are forests? Add a note on forest products.
 17. Explain the morphology, processing and uses of Beverages.
 18. Write a brief note on.
 - a. Vavilov's centres of origin of crop plants.
 - b. Essential oils used as perfumes and insect repellents.
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