

**2025/FYUG/EVEN/SEM/
BOTDSC-251/058**

FYUG Even Semester Exam., 2025

**BOTANY
(4th Semester)**

Course No. : BOTDSC-251

(Economic Botany)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

UNIT—I

1. Answer any *two* from the following : 2×2=4

- (a) What do you understand by plant introduction?
- (b) Write the important activities of NBPGR.
- (c) Write the importance of germplasm diversity.

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(Turn Over)

(2)

2. Answer any *one* from the following : 10

(a) Discuss the centre of origin of cultivated crops with special reference to Vavilov's works.

(b) Write short notes on the following :
5×2=10

(i) Introduction

(ii) Plant domestication

UNIT—II

3. Answer any *two* from the following : 2×2=4

(a) What are spices? Give an example.

(b) What are millets and their nutritional values?

(c) Write the botanical name and uses of rice.

4. Answer any *one* from the following : 10

(a) Discuss the origin, morphology, post-harvest management and uses of rice.
2+3+3+2=10

(b) Discuss the morphology, cultivation, processing and uses of tea. 2+3+3+2=10

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(Continued)

(3)

UNIT—III

5. Answer any *two* from the following : 2×2=4

(a) Write a short note on essential oils.

(b) What are the by-products of sugarcane industry?

(c) Mention the botanical name of groundnut with two uses.

6. Answer any *one* from the following : 10

(a) Discuss the morphology, propagation, post-harvest management and uses of potato. 2+3+3+2=10

(b) Discuss about the tapping, processing and uses of para-rubber. 4+4+2=10

UNIT—IV

7. Answer any *two* from the following : 2×2=4

(a) Write the uses of *Withania*.

(b) Write a short note on habit-forming drugs with suitable examples.

(c) Write the medicinal importance of *Aloe vera*.

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(4)

8. Answer any *one* from the following : 10

(a) Give an account of morphology, processing and uses of cinchona.

4+4+2=10

(b) Discuss the morphology and health hazards of tobacco.

5+5=10

UNIT—V

9. Answer any *two* from the following : 2×2=4

(a) What is NTFP?

(b) Give two examples of timbers.

(c) Write two examples of bamboo species of Assam.

10. Answer any *one* from the following : 10

(a) Describe the forest types of India. Give an account of the forest products.

5+5=10

(b) Give an account on the timber and non-timber forest products with special reference to bamboo and wild fruits.

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