

2024

(FYUGP)

(3rd Semester)

BOTANY

(Major)

Paper Code : BCC-06

(Economic Botany)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

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

UNIT—I

1. (a) Discuss the processing of sugarcane.
Give some examples of the products and
by-products of sugarcane industry.

10+5=15

Or

- (b) Write short notes on any two of the
following :

7½×2=15

- (i) Centres of origin and their
importance
(ii) Propagation of potato
(iii) Importance of germplasm diversity

(UNIT—II)

2. (a) Write a brief account on the origin, morphology, processing and uses of rice. 15

Or

- (b) Write a brief account on the following : 5×3=15

- (i) Millets
(ii) Pulses
(iii) Legumes

UNIT—III

3. (a) Write a note on the morphology, processing and uses of coffee. 15

Or

- (b) Write down the names of important spices, their family, parts used and their economic importance. 15

UNIT—IV

4. (a) Explain briefly the extraction of oils and fats. Write down their uses and health implications. Give the classification of oils and fats. 8+5+2=15

Or

- (b) Write the botanical name, family and uses of the following plants : 5×3=15

- (i) Mustard
(ii) Linseed
(iii) Rubber

UNIT—V

5. (a) What do you understand by timber yielding plants? Describe briefly the origin, morphology, extraction and uses of cotton. $2+13=15$

Or

- (b) Write notes on any *two* of the following : $7\frac{1}{2}\times 2=15$

- (i) Drug yielding plants with examples
- (ii) General account of pine
- (iii) Extraction and uses of fibres

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