

2023

(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) Describe briefly the concept of Vavilov's centres of origin of crop plants. What is the importance of Vavilov's work on the centres of origin? 10+5=15

(2)

Or

- (b) Write short notes on the following : $7\frac{1}{2}+7\frac{1}{2}=15$
- (i) Crop domestication and loss of genetic diversity
 - (ii) Evolution of new crop varieties

UNIT—II

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

Or

- (b) Write down the morphology and uses of the following : $5 \times 3 = 15$
- (i) Soya bean
 - (ii) Chickpea
 - (iii) Pigeon pea

UNIT—III

3. (a) Write the name of the family, parts used and economic importance of ginger, cardamom and black pepper. 15

Or

- (b) Describe the morphology, processing and uses of tea. 15

24L/410

(Continued)

(3)

UNIT—IV

4. (a) What is Para rubber? Describe the tapping, processing and uses of Para rubber. $2+13=15$

Or

- (b) Write the botanical name, family and uses of the following plants : $5 \times 3 = 15$
- (i) Groundnut
 - (ii) Sesame
 - (iii) Coconut

UNIT—V

5. (a) Describe the therapeutic uses of the following : $5 \times 3 = 15$
- (i) Cinchona
 - (ii) Papaver
 - (iii) Cannabis

Or

- (b) Write short notes on the following : $7\frac{1}{2}+7\frac{1}{2}=15$
- (i) General account on teak
 - (ii) Extraction and uses of jute

24L—200/410

Bs/Bcc-06