



**2019/TDC/ODD/SEM/  
BOTHCC-302T/126**

**TDC (CBCS) Odd Semester Exam., 2019**

**BOTANY**

**( 3rd Semester )**

**Course No. : BOTHCC-302T**

**( Economic Botany )**

Full Marks : 50

Pass Marks : 20

Time : 3 hours

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

**UNIT—I**

**1. Write short notes on any two of the following :**

**2×2=4**

(a) Importance of germplasm diversity

(b) Domestication of plants

(c) Secondary centre of origin of plant

( 2 )



<http://www.elearninginfo.in>

( 3 )

2. (a) What do you mean by 'centre of origin'? Describe the various centres of origin with reference to Vavilov's work.  $1+5=6$

Or

- (b) What is plant introduction? Describe the different steps of plant introduction.  $1+5=6$

#### UNIT—II

3. Write short notes on any *two* of the following :

$2 \times 2 = 4$

- (a) Origin of rice plant  
(b) Economic importance of black pepper  
(c) Uses of pigeon pea

4. (a) Discuss the morphology, processing and uses of wheat.  $2+3+1=6$

Or

- (b) Give a brief account of the millets found in India.  $6$

#### UNIT—III

5. Write short notes on any *two* of the following :

$2 \times 2 = 4$

- (a) Products and by-products of sugarcane industry

- (b) Morphology and uses of potato  
(c) Processing of coffee

6. (a) Describe the morphology, methods of manufacturing process and uses of tea.  $2+3+1=6$

Or

- (b) Describe the morphology and processing in sugarcane.  $2+4=6$

#### UNIT—IV

7. Write short notes on any *two* of the following :

$2 \times 2 = 4$

- (a) Botanical name, family and uses of soya bean

- (b) Uses of mustard oil and coconut oil

- (c) Essential oils

8. (a) Write a note on the morphology, extraction and uses of jute.  $2+3+1=6$

Or

- (b) Write a note on the morphology, extraction and uses of cotton.  $2+3+1=6$





UNIT—V

9. Write short notes on any *two* of the following :

2×2=4

(a) Therapeutic uses of Cinchona

(b) Health hazards of Cannabis

(c) Botanical names and families of Teak and Pine

10. (a) Discuss tapping, processing and uses of para-rubber.

2+2+2=6

Or

(b) Discuss the processing, uses and potential health hazards of tobacco. 2+2+2=6

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