



**2021/TDC/CBCS/ODD/
BOTHCC-302T/139**

**TDC (CBCS) Odd Semester Exam., 2021
held in March, 2022**

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*

SECTION—A

Write short notes on any *ten* of the following :

2×10=20

1. Germplasm diversity
2. Domestication of plants
3. Centre of origin



(2)

4. Economic importance of saffron
5. Origin of rice plant
6. Morphology of wheat plant
7. Uses of potato
8. Products and by-products of sugarcane industry
9. Uses of coffee
10. Botanical name, family and uses of groundnut
11. Uses of soya bean oil and mustard oil
12. Essential oils
13. Botanical name and uses of teak and pine
14. Therapeutic uses of *Cinchona*
15. Health hazards of tobacco

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(Continued)

(3)

SECTION—B

Answer any *five* of the following questions : 6×5=30

16. What is secondary centre of origin? Describe the various centres of origin with reference to Vavilov's work. 1+5=6
17. Give two examples of plant introduction. Describe the different steps of plant introduction. 1+5=6
18. Give an account of origin, morphology and uses in pigeon pea. 2+3+1=6
19. Give a brief account of the millets found in India.
20. Describe the morphology, methods of manufacturing process and uses of tea. 2+3+1=6
21. Describe the morphology and processing in sugarcane. 2+4=6
22. Describe the morphology, extraction and uses of cotton. 2+3+1=6
23. Write a note on the morphology, extraction and uses of jute. 2+3+1=6

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(Turn Over)



(4)

24. Discuss tapping, processing and uses of para rubber. $2+2+2=6$
25. Discuss the medicinal importance of *Digitalis*, *Papaver* and *Cannabis*. $2+2+2=6$
