



**2020/TDC(CBCS)/ODD/SEM/
BOTHCC-302T/139**

**TDC (CBCS) Odd Semester Exam., 2020
held in March, 2021**

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

1. Answer any *ten* of the following questions :

2×10=20

- (a) Who proposed centre of origin? What do you mean by primary centre of origin?
- (b) Write a short note on gene bank.
- (c) Write a short note on centre of diversity.



(2)

- (d) Write a note on NPGR.
- (e) Write a note on the origin of wheat plant.
- (f) Write the uses of black pepper.
- (g) Give a short botanical description of rice plant.
- (h) Write a note on wheat-growing zones in India.
- (i) Write a short note on clarification.
- (j) Give the uses of coffee.
- (k) Write a note on the by-products of sugarcane industry.
- (l) Write a short note on the fermentation in tea processing.
- (m) Give the botanical name and family of groundnut.
- (n) Write the uses of linseed.
- (o) Give the uses of coconut.
- (p) Write a short note on the extraction of coir.
- (q) Write a short note on the health hazards of tobacco.

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(Continued)

(3)

- (r) Write the medicinal uses of *Papaver*.
- (s) Write a short note on the health hazards of *Cannabis*.
- (t) Write the uses of para rubber.

SECTION—B

Answer any five questions

2. Discuss the various processes of germ plasm conservation. 6
3. What is crop domestication? Discuss the types of selection under crop domestication. 1+5=6
4. Discuss the morphology, processing and uses of rice. 2+3+1=6
5. Give an account of origin, morphology and uses in chickpea. 2+3+1=6
6. Discuss the morphology, methods of manufacturing process and uses of coffee. 2+3+1=6
7. Give an account on the morphology, propagation and uses of potato. 2+2+2=6

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(Turn Over)



(4)

8. Give an account of the classification, extraction and uses of mustard. 2+2+2=6
9. Compare the extraction methods of essential oils and fatty oils. Write their uses. 3+3=6
10. Give a general account of timber plants—teak and pine. 3+3=6
11. Discuss the morphology, processing and uses of *Cinchona*. 3+2+1=6
