

TDC Odd Semester Exam., 2020
held in July, 2021

BOTANY

(Honours)

(3rd Semester)

Course No. : BOTH-303

(Development of Plants and their Utilization)

Full Marks : 35

Pass Marks : 12

Time : 2 hours

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

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. (a) What is root apical meristem? 1
 (b) Classify meristem based on function
 and origin with examples. 3+3=6

10-21/745

(Turn Over)

2. (a) What do you mean by secondary body of
the plant? 2
 (b) What is secondary xylem? Briefly
describe with diagram. 2+3=5

UNIT—II

3. Write notes on the following : 3½+3½=7
 (a) Annual rings
 (b) Mechanical tissue
 4. (a) Describe extra-stelar secondary growth
in dicot stem. 4
 (b) What is anomalous secondary growth?
Define why anomalous secondary
growth occurs. 2+1=3

UNIT—III

5. (a) What do you mean by plant
domestication? 3
 (b) "Character may get changed or lost or
may get developed in plant
domestication." Discuss. 4
 6. (a) What do you mean by primary plant
introduction and secondary plant
introduction? 4
 (b) Write a note on NBPGR. 3

10-21/745

(Continued)

(3)

UNIT—IV

7. (a) Give a short account of wheat. Write the botanical names, families and uses of sugarcane. 3+3=6
- (b) Write scientific name and food value of red gram (Arhar). 1
8. (a) Write short notes on vegetable oils. 4
- (b) Give the botanical names, families, uses of two medicinal plants. 3

UNIT—V

9. (a) Write shortly on tea cultivation, its processing and uses. 6
- (b) Write two uses of rubber. 1
10. (a) What do you mean by plant fibres? Give botanical names, families and uses of cotton and jute. 1+4=5
- (b) Write notes on timber species. 2

★ ★ ★