

Total Pages-02

RNLKWC/B.Sc.-CBCS/HIS/BOT/H/C6T/22

2022

BOTANY

[HONOURS]

(CBCS)

(B.Sc. Third Semester End Examinations-2022)

PAPER-C6T

Full Marks: 40

Time: 02 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary*

Group - A

1. Answer any five of the following: **5x2=10**
- a) What is crop domestication?
 - b) Draw the structure of Quinine
 - c) Write the difference between kach ghani and pakki ghani mustered oil.
 - d) Mention the major importance of rice bran.
 - e) What do you mean by lint and fuzz?
 - f) Give the scientific name of two Leguminous fodder crops.?
 - g) Mention two use of black pepper.
 - h) What do you mean by legg-cut tea?

(2)

Group – B

2. Answer any four of the following: **4x5=20**
- a) Distinguish between primary and secondary centres of origin.
What the major criteria to be the centre of origin of a crop plant. 5
 - b) Describe the steps involved in processing of coffee. 5
 - c) What are the main alkaloids of Cinchona? Mention the major uses of Cinchona bark. 2+3
 - d) What is the scientific name and family of Sal? Write the major uses of Sal 2+3
 - e) What do you mean by germplasm? Write the importance of germplasm diversity. 2+3
 - f) Write the morphology, propagation and uses of potato. 2-1-2

Group – C

3. Answer any one of the followings: **1x10=10**
- a) Write the botanical name and one economic use of the following plants:
 - i) Linseed ii) Chick pea iii) Jute
 - iv) Pine v) Fennel.
 - b) Discuss the morphology, processing uses and health hazards of tobacco. 2+3+2+3