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RNLKWC/B.Sc.-CBCS/IIIS/BOT/H/C6T/21

2021

BOTANY

[HONOURS]

(CBCS)

(B.Sc. Third End Semester Examination-2021)

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) Name two alkaloids extracted from Digitalis sp.
- b) Mention two uses of fatty oil.
- c) How timber is different from lumber?
- d) What is the botanical name and family of the plant ground nut?
- e) Write the scientific names and family of black pepper and clove
- f) Name two research centres each of rice and wheat in India.
- g) What is Para-rubber? Mention its uses
- h) Give two uses of soybean oil.

(2)

Group – B

- 2. Answer any four of the following: 4x5=20**
- a) Write short notes on : 2.5+2.5
- i. By products of sugarcane industry.
 - ii. Tapping of latex from Para rubber tree.
- b) Describe the process of retting & extraction of jute. 2+3
- c) Describe the, cultivation and economic uses of Pigeon pea. 3+2
- d) Write a note on the importance of legumes to man and ecosystem. 5
- e) Describe the steps involved in processing of tea. Differentiate between black tea and green tea. 3+2
- f) Write down the full form of NBPGR. Differentiate between primary and secondary alkaloids. Write the botanical name and economic importance of saffron. 1+2+2

Group – C

- 3. Answer any one of the followings: 1x10=10**
- a) Discuss the morphology, uses and health hazards of Papaver sp. 5+3+2
- b) Give a comparative account of essential oil & fatty oil. Give the health implications of mustard and coconut oil. Explain the process of extraction & uses of linseed. 2+(1.5+1.5)+(3+2)
