

Total No. of Printed Pages—3

3 SEM TDC BOTH (CBCS) C 6

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(Held in January/February, 2022)

BOTANY

(Core)

Paper : C-6

(**Economic Botany**)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

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

1. Fill in the blanks : 1×5=5

(a) _____ is the centre of origin of wheat.

(b) NBPGR stands for _____.

(c) The scientific name of cotton is _____.

(d) _____ is the source of chewing gum.

(e) Ethnobotany deals with the direct relation of plants with _____.

(2)

2. Write short notes on any *four* of the following : $3 \times 4 = 12$

(a) Wood seasoning

(b) Essential oils

(c) Cinchona

(d) Biodiesel

(e) Turmeric

3. Write the scientific names along with their families of the following plants and give short accounts on their economic importance of their useful parts (any *three*) : $(1+1+2) \times 3 = 12$

(a) Rubber

(b) Castor

(c) Ashwagandha

(d) Tobacco

(e) Teak

4. Write an account on cultivation along with processing and economic utilization of coffee. $5+5+2=12$

22P/78

(Continued)

(3)

5. Name any two fibre yielding plants, giving their families. Describe the methods of fibre extraction from them and their commercial uses. $(1+1+4) \times 2 = 12$

Or

What do you mean by domestication of plants? Write an explanatory note on Vavilov's centre of origin of crop plants.

$4+8=12$

22P—2200/78

3 SEM TDC BOTH (CBCS) C 6