

3 SEM TDC BOTH (CBCS) C 6

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(Held in April–May, 2021)

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 coffee.
- (b) Coconut fibre is called as _____.
- (c) Botanical name of groundnut is _____.
- (d) Reserpine, a drug, is extracted from the medicinal plant _____.
- (e) Agar oil, is derived from the _____ of *Aquilaria agallocha*.

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

- (a) IKS
- (b) Seasoning of wood
- (c) Essential oil
- (d) Importance of germplasm diversity
- (e) Petrocrops as future fuel

3. Write the botanical names along with their families of the following plants and also write on their uses (any *four*) : (1+1+1)×4=12

- (a) Wheat
- (b) Sugarcane
- (c) Sal
- (d) Black Pepper
- (e) Linseed

4. Write an account on cultivation, economic utilization and processing of tea. 5+2+5=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

(3)

5. Discuss on the tapping, processing and uses of Rubber. 4+4+4=12

Or

Write an account on the morphology and utilization of Aloe Vera, Cinchona and Rauwolfia. 4+4+4=12
