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3 SEM TDC BOTH (CBCS) C 6

2023

(Nov/Dec)

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. (a) Fill in the blanks of the following : $1 \times 3 = 3$

(i) The alkaloid _____ is extracted from
Rauwolfia.

(ii) Sal belongs to the family _____.

(iii) The scientific name of linseed
is _____.

(2)

(b) Choose the correct answer : $1 \times 2 = 2$

(i) The source of quinine is Aloe vera / Cinchona / Rauwolfia / Coir.

(ii) The highest amount of protein is present in pea / soya bean / gram / chickpea.

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

(a) Importance of germplasm

(b) Andrographis

(c) Groundnut

(d) Centres of origin

(e) Saffron

(f) Sugarcane

3. Write the scientific names of the following and give a short account on their economic importance (any three) : $4 \times 3 = 12$

(a) Coffee

(b) Clove

(c) Sisu

(d) Cotton

(e) Coconut

(3)

4. Write an account on cultivation, extraction and economic utilization of any one of the following : $4 + 4 + 4 = 12$

(a) Mustard

(b) Soya bean

5. Give the scientific names along with their families of any two drug-yielding plants you have studied. Describe their health benefits and health hazards. $(1 + 1 + 4) \times 2 = 12$

Or

Write explanatory notes on the following : $6 + 6 = 12$

(a) Essential oils and their uses

(b) Domestication of crop plants
