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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 \_\_\_\_\_.

(b) Choose the correct answer :

1×2=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 :

3×4=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*) :

4×3=12

(a) Coffee

(b) Clove

(c) Sisum

(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)×2=12

Or

- Write explanatory notes on the following : 6+6=12
- (a) Essential oils and their uses
- (b) Domestication of crop plants

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