

(i) Printed Pages : 3

Roll No.

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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B.A./B.Sc. (General) 6th Semester

(2053)

BOTANY

Paper-B : Economic Botany

Time Allowed : Three Hours] [Maximum Marks : 36

Note :— Attempt **five** questions in all, including Question No. 1 which is compulsory and selecting **one** question from each Unit.

1. (A) Multiple choice questions :

(i) Which of the following belongs to the family Combretaceae ?

- (a) Ashwagandha (b) Arjun
(c) Aconite (d) Belladonna

(ii) Removal of moisture from timber by keeping them under pressure in a mechanical chamber is called :

- (a) Immersion seasoning
(b) Air seasoning
(c) Kiln Seasoning
(d) Mechanical Seasoning

(iii) Shakti, Protina, Rattan and Deccan Hybrid 101 are Opaque-2 composites varieties of :

(a) Wheat

(b) Maize

(c) Rice

(d) Cotton

(iv) Which species of *Mentha* is commonly known as spearmint ?

(a) *Mentha spicata*

(b) *Mentha citrata*

(c) *Mentha aquatica*

(d) *Mentha piperita*

4×1=4

(B) Fill in the blanks :

(v) Vegetative propagation process in mango in which superior variety is grafted on a seedling rootstock is known as _____.

(vi) The aroma of coffee is due to the presence of volatile oil called _____.

(vii) Central Potato Research Institute is located in _____.

(viii) Parts used in *Eugenia caryophyllus* is _____.

4×1=4

UNIT—I

2. Describe the cultivation practices, soil requirement and area of cultivation of Wheat. 7

3. Give soil requirement, cultivation practices and high yielding varieties of cotton. 7

UNIT—II

4. Give a brief account of cultivation practices of Grapes and Sugarcane. 7
5. Explain the cultivation practices of Groundnut. Also mention its areas of cultivation, soil requirement and high yielding varieties. 7

UNIT—III

6. Write the botanical name, family, part used and economic importance of (any **two**) :
- (a) Fennel
 - (b) Teak
 - (c) Maize. 3.5×2
7. Give economic importance of the following :
- (a) Turmeric
 - (b) Shisham
 - (c) Coir. 3,2,2

UNIT—IV

8. Write briefly about conservation of forest. 7
9. Write economic importance of the following :
- (a) Bamboo
 - (b) Liquorice
 - (c) Tea. 2,3,2