

(i) Printed Pages : 4]

Roll No.

(ii) Questions : 9]

Sub. Code :

0	5	5	2
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Exam. Code :

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

1047

BOTANY

Paper : Paper-B : Economic Botany

Time : 3 Hours]

[Max. Marks : 36

Note :- Q. No. 1 is compulsory. Attempt only *one* question from each section. Make diagrams wherever necessary.

1. (i) Sonalika is the high yielding variety of :

(a) Wheat (b) Maize

(c) Rice (d) Cotton

(ii) Maize grows best in which soil ?

(a) Sand (b) Loam

(c) Clay (d) None of these

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(1)

Turn Over

(iii) *Solanum, tuberosum* belongs to which family :

- (a) Cruciferae
- (b) Malvaceae
- (c) Leguminosae
- (d) None of the above

(iv) Which of the following is major Mustard producing state in India ?

- (a) Punjab (b) Haryana
- (c) U.P. (d) Rajasthan

(v) Optimum growth temperature for Mango is :

- (a) 0–10°C (b) 10–20°C
- (c) 20–30°C (d) None of these

(vi) Sal belongs to which family ?

- (a) Verbenaceae (b) Dipterocarpaceae
- (c) Solanaceae (d) Anacardiaceae

(vii) Botanical name of Sal is

(viii) Botanical name of Amla is

(ix) Part used for Coir as fibre is

- (x) Gram is used economically for
(xi) Non-alcoholic beverage crops are
(xii) Ex situ conservation is 1×12=12

Section-I

2. Give the area of cultivation, soil requirement and cultivation practices of Rice. 6
3. Write the soil requirements, cultivation practices and high yielding varieties of Cotton. 6

Section-II

4. What type of soil is required for good growth of Sugarcane crop ? Write its cultivation and high yielding varieties. 6
5. Explain the area of cultivation, cultivation practices and high yielding varieties of Mustard. 6

Section-III

6. Write the botanical name, family, part used and economic importance of :
(a) Moong (b) Teak and (c) Jute. 6

7. Write the botanical name, family, part used and economic importance of :

(a) Deodar (b) Flax (c) Turmeric.

6

Section-IV

8. Give the botanical name, family, part used and economic importance of the following :

(a) Bamboo (b) Liquorice (c) Aconite.

6

9. Give the botanical name, family, part used and economic importance of the following :

(a) Belladonna (b) Ashwagandha (c) Coffee.

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