

(i) Printed Pages :4

Roll No. ....

(ii) Questions :9

Sub. Code :

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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 Allowed : 3 Hours]**

**[Maximum 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

(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) UP     | (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.....

1x12=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. 6