

B.Sc. (CBCS Pattern) Sem-V  
**012E - Botany Paper-I - DSE-I : Economic Botany-I**

P. Pages : 2

Time : Three Hours



GUG/W/22/13095

Max. Marks : 50

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw well labelled diagrams wherever necessary.
  3. Illustrate your answers with suitable examples.

1. Write on-
- a) Define Economic Botany and state its scopes. 5
  - b) Give method of cultivation and uses of Rice. 5

**OR**

- c) Botanical description of Maize. 2½
  - d) Method of cultivation of Jawar. 2½
  - e) Origin and distribution of Pigeon Pea. 2½
  - f) Botanical description of Gram. 2½
- 2.
- a) Give botanical description and method of cultivation of Potato. 5
  - b) Give method of cultivation and uses of Sugarcane. 5

**OR**

- c) Botanical description of Brinjal. 2½
  - d) Economic uses of Tomato. 2½
  - e) Method of cultivation of Chill. 2½
  - f) Origin and distribution of Mango. 2½
- 3.
- a) What are oil yielding plants? Give method of cultivation of Ground Nut. 5
  - b) Give method of cultivation and uses of Soyabean. 5

**OR**

- c) Botanical description and uses of coconut. 2½
- d) Economic uses of Mustard oil. 2½
- e) Botanical description of Tembhurni (Diospyros Peregrna). 2½
- f) Origin and distribution of Jambhul (Syzygium cumini). 2½

4. a) Give method of cultivation and economic uses of cotton. **5**  
b) Give origin, distribution and method of cultivation of Jute. **5**

**OR**

- c) Botanical description of Flax **2½**  
d) Origin and distribution of Sum Hemp. **2½**  
e) Cultivation method of Fenugreek. **2½**  
f) Botanical description of Cow Pea. **2½**
5. Write **any ten** in one or two lines only (Diagrams not necessary). **10**
- |                |               |
|----------------|---------------|
| a) Caryopsis   | b) Harvesting |
| c) Panicle     | d) Capsicine  |
| e) Sugar       | f) Papaya     |
| g) Linseed oil | h) Sesame oil |
| i) Charoli     | j) Sisal Hemp |
| k) Lucerne     | l) Capsule    |

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