



বিদ্যাসাগর বিশ্ববিদ্যালয়  
**VIDYASAGAR UNIVERSITY**  
**Question Paper**

**B.Sc. Honours Examinations 2020**

(Under CBCS Pattern)

**Semester - III**

**Subject: BOTANY**

**Paper : C 6-T & C 6-P**

(Economic Botany)

**Full Marks : 60 (Theory - 40 + Practical - 20)**

**Time : 3 Hours**

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

**C 6-T [Theory]**

Answer any *two* questions from the following :  $2 \times 20 = 40$

1. i. Write about the concept of centres of Origin, their importance with reference to Vavilov's work.
- ii. Discuss on the crop domestication and loss of genetic diversity. 10+10
2. i. Write down the cultivation, management and uses of chick pea.
- ii. Discuss the morphology, propagation and uses of potato. 10+10
3. i. Write the scientific names, families, used parts and uses of fennel, saffron, clove, linseed, soybean and black pepper.
- ii. Write about the processing and uses of tea. 12+8

4. i. Write down the process of tapping, processing and uses of para-rubber.  
ii. Write the classification based on the origin of fibers.  
iii. Write a note on morphology, extraction and uses of jute fiber.  
iv. Write the scientific name, family, and uses of cinchona and cannabis.

6+6+4+4

### C 6-P [Practical]

Answer any **one** questions from the following :

1 × 20 = 20

1. i. Briefly write habit, fruit, seed structure and micro-chemical tests of groundnut.  
ii. Draw and describe the TS of young stem of Pinus and mention its identifying characters. 10+10
2. i. Draw the methods of tapping and sampling of rubber.  
ii. Write down the biochemical test for fats found in mustard seeds. 10+10
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