

UG/3rd Sem/H/20(CBCS)

2020

BOTANY (Honours)

**Paper : BOTH-DC-7
(CBCS)**

Full Marks : 25

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

1. Answer any *five* of the following : 1×5=5

- (a) Write the scientific name of two drug yielding plants.
- (b) Name the center of origin of Rubber plant.
- (c) Write scientific name of two spice yielding plants of India.
- (d) In which family mustard plant belongs?
- (e) Write scientific name of two timber yielding plants.
- (f) Which part of Saffron plant is economically useful?
- (g) Write the source of Fennel?
- (h) Write scientific name of two shade plants required for tea cultivation.

2. Answer any *four* questions of the following : 3×4=12

- (a) Describe the differences between fat and oil with example.
- (b) What is meant by 'Crop Domestication'?
- (c) State the economic importance of Sugarcane plant.
- (d) Give a brief account on 'morphology' and 'processing' of millets.

1.5×2=3

- (e) Give a comparative account on old world cotton and new world cotton.
- (f) Briefly describe the 'retting processes of Jute'.
- (g) State the medicinal values of *Digitalis* sp.

3. Answer any *one* of the following : 8×1=8

- (a) Write a concise note on "Centers of Origin" as proposed by Vavilov.
 - (b) Briefly describe the processing of Rice. State the importance of legume cultivation to man and ecosystem. 5+3=8
-