

2018

CBCS

3rd Semester

BOTANY

PAPER—C6T

(Honours)

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Economic Botany

1. Answer any five questions :

5×2

(a) What do you mean by crop domestication ?

(Turn Over)

- (b) Write down the family and parts used of Black pepper and Pigeon pea.
- (c) Classify fibres according to their origin.
- (d) Distinguish between primary and secondary introduction.
- (e) What is parchment coffee?
- (f) Write down the full form of I.C.A.R and NBPGR.
- (g) Classify groundnut varieties into different groups on the basis of growth and habitat.
- (h) Mention the constituents of linseed oil. Why is it not edible?

2. Answer any four questions :

4×5

- (a) Write down the different ways by which genetic diversity takes place. Mention the significance of germ plasm diversity.

3+2

- (b) Write down the tapping, processing and uses of para-rubber. 2+2+1
- (c) Classify vegetable fatty oil. Write down the uses of Cinchona and Pine. 3+(1+1)
- (d) Write down the processing method of Jute. Define millet crops with two examples. 3+2
- (e) Write in brief the Vavilov's concept of centre of origin for crop plants. 5
- (f) Write down the management practices and processing of Sugarcane with their by-products. 2+2+1

3. Answer any one question : 1×10

- (a) Describe the steps of processing of tea. How is the flavour of tea increased? 8+2

- (b) (i) Nursery technique to develop rice seedling.
- (ii) Differences between Essential oil and Fatty oils.
- (iii) Write down the morphology and cultivation process of chick pea. 3+2+(2+3)
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