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B.Sc./3rd Sem (H)/BOTA/22(CBCS)

2022

3rd Semester Examination

BOTANY (Honours)

Paper : C 6-T

(Economic Botany)

[CBCS]

Full Marks : 40


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 : $2 \times 5 = 10$
- (a) Write two main importances of Vavilov's work.
 - (b) Write scientific names of two timber yielding plants.
 - (c) What is bagasse?
 - (d) Write scientific names and uses of clove and saffron.
 - (e) Write scientific names of two fodder legumes.
 - (f) Write botanical name, family and parts used of soybean.
 - (g) What do you mean by health hazards?
 - (h) Write uses of fennel and papaver.

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2. Answer any **four** of the following : $5 \times 4 = 20$

(a) Write the importance of germplasm diversity. 5

(b) Write cultivation process of pigeon pea. 5

(c) Discuss the processing of tea. 5

(d) What is essential oil? Cite one example and write its extraction method. $2+3=5$

(e) Write the trapping process and uses of para-rubber. 5

(f) In which purposes we use coir and jute? 5

3. Answer any **one** of the following : $10 \times 1 = 10$

(a) Describe the cultivation method of sugarcane. Write different products and by-products of sugarcane industry. $6+4=10$

(b) Briefly describe the cultivation, management processing and uses of rice. $4+4+2$