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ST—329—2022

FACULTY OF SCIENCE

M.Sc. (Second Semester) EXAMINATION

JUNE/JULY, 2022

(New/CBCS Pattern)

BOTANY

Paper VIII

(Plant Resource Utilization of Biodiversity Conservation)

(Monday, 4-7-2022)

Time : 9.30 a.m. to 1.15 p.m.

Time—3.45 Hours

Maximum Marks—75

N.B. :— (i) All questions are compulsory.

(ii) All questions carry equal marks.

1. Describe in detail various center of origin. 15

Or

Describe in detail origin, methods of cultivation, harvesting and economic, importance of edible oil crops.

2. Define concept of Biodiversity and describe various types of diversity. 15

Or

Define Endemism and describe its concept and types.

3. Describe green revolution. Add a note on its benefits of adverse consequences. 15

Or

Describe in detail principles of conservation and current practices in conservation of species diversity.

P.T.O.

4. Describe in detail ex-situ conservation strategies. 15

Or

Describe in detail role of BSI in sustainable development.

5. Write short notes on any *three* out of four : 15

- (a) Plant as a source of renewable energy
- (b) Botanical garden
- (c) Chipko movement
- (d) Narotics.