

H-55028

Seat No. _____

M. Sc. (Part - I) Examination

April / May – 2003

Environmental Sciences : Paper-II

(Environmental Botany)

(New Course)

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) **All** questions are **compulsory**.
(2) All questions carry **equal** marks.
(3) Illustrate your answer with **neat** diagrams.

1 Classify plants giving reasons.

OR

1 Write notes on :

- (a) Food plants
- (b) Cryop reservation

2 Write notes on :

- (a) Growth indices
- (b) Plant responses to light.

OR

2 Write notes on :

- (a) Role of plant hormones in plant growth and development
- (b) Water potential.

3 Discuss abiotic and biotic components of the ecosystem.

OR

3 Write notes on :

- (a) Quantitative characters of plant community.
- (b) Ecological indicators.

4 Discuss various components of remote sensing.

OR

4 Write notes on :

- (a) Image enhancement
- (b) Atmospheric windows.

5 Discuss the role of remote sensing technology in EIA.

OR

5 Write notes on :

- (a) Afforestation and deforestation
- (b) Impact of Narmada dam on environment.
