

M.Sc. (Part-II) Semester-III (CBCS) Examination
GEOINFORMATICS
MGI-303 GEOINFORMATICS APPLICATIONS IN NATURAL RESOURCES
MANAGEMENT

Time : Three Hours]

[Maximum Marks : 80

N.B.:— (1) All questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. Write in detail about the need and objectives of natural resource evaluation.

OR

Describe in brief about the source of data and limitations for natural resource evaluation.

2. Write in brief on the following :

- (a) Matching and layer creation
- (b) Classification of Land evaluation

OR

- (c) Case studies of Land evaluation
- (d) Procedures and approaches of Land evaluation.

3. Write in brief on the following :

- (a) Identification of Wastelands
- (b) Management of watersheds

OR

- (c) Types of eroded lands
- (d) Layer creation in wastelands.

4. Describe in detail about the overland flow and storage of water resources.

OR

Give an account of water quality, and overlay analysis of water resources with case studies.

5. Write in brief on the following :

- (a) Forests
- (b) Grasslands

OR

- (c) NRSA classification
- (d) Layer creation in natural vegetation.

