

P.G. Dip. in Watershed Technology & Mgt. Semester—I Examination

P-IV INTRODUCTION TO WATERSHED TECH. & MGT.

Time : Three Hours]

[Maximum Marks : 50

- Note** :— (1) All questions are compulsory and carry marks.
(2) Draw well labelled diagrams wherever necessary.

1. Write in detail various watershed problems. Give their remedial measures.

OR

Discuss in detail about goals/objective and policies of the watershed management practices.

2. What is artificial recharge ? Write in detail about various methods of it.

OR

Describe in detail about the various harvesting methods for watershed management.

3. Write in brief on the following :—

- (a) Land use/land cover management.
- (b) Crop pattern management.

OR

- (c) Dry land Agriculture.
- (d) Social forestry.

4. Write in brief on the following :—

- (a) Roof water harvesting.
- (b) Check dam structure.

OR

- (c) Water conservation.
- (d) Reclamation of Soils.

5. Write in brief on the following : —

- (a) Development of watershed management Plan.
- (b) GIS delineation of watersheds.

OR

- (c) People participation.
- (d) Preparation of Action plans.