

P.G. Dip. in Watershed Technology and Management Semester—I Examination

FUNDAMENTALS OF GEOLOGY AND WATERSHED

Paper-I

Time : Three Hours]

[Maximum Marks : 50

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

(2) Draw neat sketches wherever necessary.

1. Explain in detail about types of sedimentary rocks.

OR

Describe in detail about Geological time scale.

2. Write in brief on the following :

- (a) Endogenic processes.
- (b) Morphometric analysis of drainage basin.

OR

- (c) Classification of Valleys.
- (d) Geomorphic processes.

3. Write in brief on the following :

- (a) Atmosphere.
- (b) Interior of the Earth.

OR

- (c) Weather and climate.
- (d) Recording of rainfall.

4. Explain in detail about integrated and multidisciplinary approach for watershed management.

OR

Describe the significance, delineation and identification of watershed.

5. Write in brief on the following :

- (a) Lined and unlined canals.
- (b) Drip and sprinkler irrigation systems.

OR

- (c) Water logging.
- (d) Irrigation water management.