

DHANAMANJURI UNIVERSITY

MA FOURTH SEMESTER

2021

(June)

GEOGRAPHY

GEG - 633

WATERSHED MANAGEMENT & PLANNING

Full Mark: 40

*Answer any **four (4)** of the following questions.*

4×10 = 40

1. Give a detailed explanation on 'watershed as a dynamic unit'.
2. Explain the concepts of precipitation, evaporation, surface runoff and groundwater flow as hydrological processes in a watershed.
3. Explain in detail the importance of watershed development and management.
4. Discuss the role of check dams, ponds and percolation tanks in rainwater harvesting.
5. Discuss the role of agro-forestry in watershed management.
6. Bring out the importance of people's participation in the preparation of action plan and management activities of a watershed.
