WARNING

1. PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.
2. SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE’S OWN WILL BE PENALIZED AS DEFINED IN “AIOU PLAGIARISM POLICY”.

Course: Soil Conservation and Water Shed Management (2511)
Level: M.Sc Forestry Extension
Semester: Autumn, 2012
Total Marks: 100
Pass Marks: 40

ASSIGNMENT No. 1
(Unit 1–5)

Note: All questions are compulsory.

Q.1 How many forms of precipitation exist in atmosphere? Discuss about different ways of measuring precipitation.

Q.2 Discuss major causes of erosion. Explain common factors affecting erosion by water.

Q.3 Elaborate the main characteristics of wind and soil movement. Describe the most effective erosion control practices particularly by water.

Q.4 Being an effective erosion control method, how would you classify terraces through different types.

Q.5 Explain about the principle soil factors influencing wind erosion control.

ASSIGNMENT No. 2
(Unit 6–9)

Note: All questions are compulsory.

Q.1 Define erosivity and erodibility. Also determine the effect of plant cover in reducing soil erosion.

Q.2 Explain the use and purpose of various conservation practices in minimizing erosion particularly in forests and rough lands.
Q.3 Define the term hydrology. Explain the mechanism of precipitation as underground water. (20)

Q.4 Discuss the water quality parameters that shown to be an effective indicators of the key aspects of aquatic ecology like streams and lakes. (20)

Q.5 Discuss the principle functions and uses of planting forest trees on soil erosion. (20)