

B.Sc. 5th Semester (Honours) Examination- 2021
FORESTRY

Course ID: **53501**

Course Code : **SH/FST/SA 3108**

Course Title: Forest Hydrology and Watershed Management

Time: 2 Hours

Full Marks: 50

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

- I. Write a definition or one sentence answer any 10 of the following 1x10=10
1. Hydrology
 2. IIFM stands for.....
 3. Runoff
 4. Infiltration
 5. Percolation
 6. Transpiration
 7. Drizzle
 8. Hail
 9. Acid Rain
 10. Contour
 11. Snow pellets
 12. Check dam
 13. FAO stands for.....
 14. Mulching
 15. Flood
- II. Write short note/ define any 10 of the following 2x10 =20
1. Size of watershed
 2. Watershed map
 3. Droughts
 4. Evapotranspiration
 5. Earthen dams
 6. Basin
 7. Catchment
 8. Hydrologic Budget
 9. Nimbostratus and Cumulonimbus Clouds
 10. Demarcation of watershed
 11. Soil Erosion
 12. Types of Erosion
 13. Baseline survey
 14. Socio-economic
 15. Drainage

III. Write down in brief any four (4) of the following

5x4=20

1. Discuss the format used for watershed management Plan
2. Hydrological cycle
3. How does a watershed affect the people
4. Objective of watershed management
5. People;s participation In watershed Management
6. Identification of watershed problems