

B.A. Geography Honours under

CBCS System (Sem-V)

DC12B: Hydrology (Practical)

Teacher: Lamhu Dolma Tamang

Suggested Books:

1. Black, P.E. (1991): Watershed Hydrology, Prentice Hall, London
2. Black, Peter E. (1996): Watershed Hydrology, Lewis Publishers.
3. Cundy, A. and Kershaw, S. (2013): Oceanography: an Earth Science Perspective, Routledge.
4. Fetter, C.W. (1990): Applied Hydrology, CBS Publisher and Distributors, New Delhi.
5. James, A., (2011): Watershed Modeling, Island Press, Andrew Ford.
6. Sharma, R.C. & Vatal, M. (1992): Oceanography for Geographers, Chaitanya Publishing House, Allahabad.
7. Singh, V.P. (1989): Hydrologic System, Prentice-Hall, Englewood Cliffs
8. Small. R.J. (1989): Geomorphology and Hydrology, Longman Group Ltd, London.
9. Thorpe, S.A., Steele, J.H., Turekian, K.K. (eds.) (2009): Elements of Physical Oceanography, Academic Press, London.
10. Ward, A.D. and Trimble, S.W. (2004): Environmental Hydrology: Lewis Publishers.

Sl. No.	Hydrology (Practical)
1	Concept of Hydrological analysis
2	Various Hydrological units
3	Concept of Hydrological Cycle
4	Methods of Hydrological analysis
5	Significance of Hydrological measurements
6	Concepts of Rating Curve
7	Significance of Rating Curve
8	Calculation of Rating curve
9	Plotting of Rating Curve
10	Concept of Runoff
11	Types of Runoff
12	Concept of Runoff Estimation
13	Significance of Runoff estimation
14	Calculation of Runoff estimation