

UNIT-II

S.No.	Questions	BTL	CO	PO
Part-A(Short Answer Questions)				
1	Define evaporation.	L1	CO2	1
2	What is evapotranspiration?	L1	CO2	1
3	Name different evaporimeters.	L1	CO2	1
4	What is potential evapotranspiration?	L1	CO2	1
5	Define interception loss.	L1	CO2	1
6	What is infiltration capacity?	L2	CO2	2
7	Define infiltration index.	L2	CO2	2
8	What are the components of runoff?	L1	CO2	1
9	What is basin yield?	L2	CO2	2
10	What is a flow duration curve?	L2	CO2	2
Part-B(Long Answer Questions)				
1	Explain the evaporation process and methods of measuring evaporation.	L4	CO2	2
2	Describe Penman and Blaney-Criddle methods for estimating evapotranspiration.	L4	CO2	3
3	Explain interception, depression storage and infiltration processes.	L4	CO2	2
4	Discuss methods of measuring infiltration and modeling infiltration capacity.	L4	CO2	3
5	Explain various infiltration indices and their significance.	L4	CO2	3
6	Describe factors affecting runoff and components of runoff.	L4	CO2	2
7	Explain the SCS-CN method for estimating runoff from a watershed.	L4	CO2	3
8	Discuss construction and applications of flow duration curves.	L4	CO2	3
9	Explain mass curve of runoff and its analysis.	L5	CO2	3
10	Discuss concepts and importance of watershed management.	L5	CO2	3