

UNIT-V

S.No	Questions	BTL	CO	PO
Part-A(Short Answer Questions)				
1	Define canal alignment.	L1	CO5	1
2	What are canal losses?	L1	CO5	1
3	Define design discharge.	L1	CO5	1
4	What is a rigid boundary channel?	L1	CO5	1
5	What is an alluvial channel?	L1	CO5	1
6	Define modular outlet.	L1	CO5	1
7	What is a semi-modular outlet?	L1	CO5	1
8	Define waterlogging.	L1	CO5	1
9	What is canal lining?	L1	CO5	1
10	Why is drainage necessary in irrigated lands?	L2	CO5	2
Part-B(Long Answer Questions)				
1	Explain canal alignment and factors governing canal alignment.	L4	CO5	3
2	Discuss canal losses and methods of minimizing them.	L4	CO5	3
3	Explain estimation of design discharge for canals.	L4	CO5	3
4	Describe the design of rigid boundary channels.	L4	CO5	3
5	Explain the design principles of alluvial channels.	L4	CO5	3
6	Discuss different types of canal outlets with neat sketches.	L4	CO5	3
7	Explain causes, effects and remedial measures of waterlogging.	L5	CO5	3
8	Describe types of canal lining, advantages and disadvantages.	L4	CO5	3
9	Discuss the necessity and methods of drainage of irrigated lands.	L4	CO5	3
10	Evaluate the role of canal systems in sustainable irrigation management.	L5	CO5	3

Blooms Taxonomy Level (BT) (L1–Remembering; L2–Understanding; L3–Applying; L4–Analyzing; L5–Evaluating; L6–Creating)