

CE8403 APPLIED HYDRAULIC ENGINEERING

Important 2 Mark Questions

Part-A

1. Define hydraulic mean depth.
2. Distinguish between steady uniform flow and unsteady non uniform flow.
3. Write the expression to determine the length of the backwater curve.
4. Distinguish between draw down and back water curve.
5. Differentiate afflux and backwater curve.
6. Write down the types of surges.
7. What are the classifications of hydraulic jump?
8. Write the types of draft tube.
9. Classify hydraulic turbines?
10. Describe the impulse turbine with example.
11. The depth of flow of water at a certain section of rectangular channel 2m wide is 0.25m. The discharge through the channel is 1.8m³/s. Whether a hydraulic jump will occur and if so, determine its height
12. Explain the classification of hydraulic jump
13. Mention the main components of reciprocating pump.
14. What is indicator diagram with sketch?
15. Differentiate pump and turbine.
16. Define specific speed of pump.
17. What is meant by multistage pump?