

**Assignment: 7 FLOW THROUGH PIPES**

1. State the momentum correction factor and list the momentum correction factor for different flow in pipes.
2. Prove the friction head losses is equal to one third of total head at inlet for maximum power transmission through pipe.
3. Derive expression for the loss of head due to friction in pipes.
4. What do you understand by frictional resistance offered by pipe?
5. Derive an equation for loss of head due to sudden enlargement.
6. Write a short note on Water Hammer in Pipes.

