

CH0210 Momentum Transfer Laboratory
End Semester Viva Voce

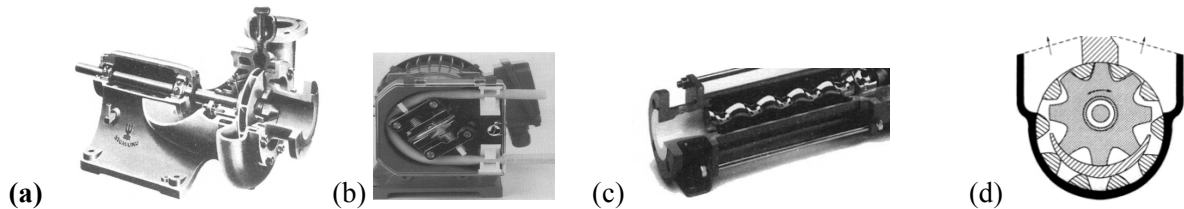
Register No. _____
Batch. _____
Max. Marks: 10

Date : ___/___/___
Time : ___:___

Instructions :

- Encircle the correct answer
- Do not encircle more than one answer

1. Identify which of the following is diagram is a centrifugal pump?



2. Identify which of the following is **TRUE**? The coefficient of discharge, C_d for an venturi meter is roughly between

- (a) 0.6 – 0.7 (b) **0.8 – 0.9** (c) 0.9 – 1.0 (d) none of these

3. Which one of the following sentence is **TRUE**? The coefficient of discharge (C_d) for an orifice is

- the ratio of actual discharge to that of the theoretical discharge
- the ratio of theoretical discharge to that of actual discharge**
- both (a) and (b)
- all of the above

4. Which of the following is **CORRECT**? In an orifice meter

- the flow rate is proportional to the square root of pressure drop**
- the flow rate is inversely proportional to the square root of pressure
- both (a) and (b)
- none of these

5. Identify which of the following is **TRUE**? In notches the velocity with which the liquid leaves depends on

- its initial depth below the surface**
- its initial depth above the surface
- both (a) and (b)
- none of these

