

Chapter No. 6

- The S.I unit of flow rate are
a. $\text{m}^2 \text{s}^{-1}$ b. $\text{m}^3 \text{s}^{-1}$ c. $\text{m}^2 \text{s}^{-2}$ d. $\text{m}^3 \text{s}^{-1}$
- The maximum drag force on falling sphere is 9.8 N, its weight is:
(A) 1 N (B) 9.8 N (C) 19.8 N (D) 4.9 N
- The device used for the measurement of liquid flow is:
(A) Manometer (B) Barometer (C) Hydrometer (D) Venture meter
- The mathematical relation $v_2 = \sqrt{2g(h_2 - h_1)}$ is known as:
(A) Equation of continuity (B) Bernoulli's equation
(C) Torricelli's Theorem (D) Venture relation
- For which position will the blood pressure in the body have smallest value:
(A) Standing upright (B) Sitting (C) Lying horizontally (D) Standing on one's head
- The lower reading of the blood pressure is called
(A) systolic pressure (B) diastolic pressure (C) normal pressure (D) non-normal pressure
- The law of conservation of energy is the basis of
a. streamline flow b. equation of continuity c. Bernoulli's equation d. venture relation