307. At a point in a horizontal pipeline, the pressure of water flowing at a velocity of 4.6 m/s is 117.3 kPa at another point close by, where the pipe has a smaller section, the pressure is 110 kPa. If the head loss is 0.2, find the velocity of flow at the second point

(a) 5.57 m/s

(b) 6.00 m/s

(c) 5.79 m/s

(d) 5.98 m/s

307. At a point in a horizontal pipeline, the pressure of water flowing at a velocity of 4.6 m/s is 117.3 kPa at another point close by, where the pipe has a smaller section, the pressure is 110 kPa. If the head loss is 0.2, find the velocity of flow at the second point

(a) 5.57 m/s

(b) 6.00 m/s

(c) 5.79 m/s

(d) 5.98 m/s