

**Exemplar problem 11**

**Explain the term 'laminar flow'. Is the velocity of molecules the same in all the layers in laminar flow? Explain your answer.**

**Solution:**

Laminar flow is described when all the fluids (gas or liquid) flow in the layers form. When the liquid flows on the surface the layer of liquid which is in immediate contact with the surface is stationary. The velocity of the subsequent upper layers increases as the distance of the layers increases from the fixed layer which is stationary and in direct contact with the surface.