(a) The molecule of each substance identical [T]

(b) The intermolecular force of attraction at distance bet two molecule [F]

(c) The molecul in a substance are random motion. [T]

(d) in a gas, the molecules can move any where in space. [T]

(e) Liquid are less viscous than gases [F]

(f) All the molecule of substance identical.

(i) The intermolecular spacing is least in solid still more liquid zigzag in gases.

(ii) The molecular motion in liquid and gas is zigzag path.

(iii) in a solid, the molecules ____ but they remain in their fixed positions.

(e) The intermolecular forces are the cause in vibrate either side.

(e) The intermolecular force is weak in gases.

(b) A solid exerts pressure downward on its

(a) Gases are least dense.

(b) solids are most rigid.

(3) The diameter of a molecular approximately

(ii) 10^{-10} m ✓

(b) The intermolecular force strongest in

(i) solids ✓

(c) The molecular:

(iii) in liquid move only within boundary.

(d) solids are:

(i) more dense.

(e) The intermolecular force in liquid

(iv) weaker in in Solids.

column-A	column-B
(a) A molecule is composed of	(i) does not exist in nature
(b) ice, water and water vapour	(ii) can vi only 10-10m from their mean positio
(c) An atom	(iii) atoms
(d) gases	(iv) are three states water
(e) The molecules of solid	(v) occupy space