

**PICK THE CORRECT ONE**

1. The three major states of matter are :

- (a) solid            (b) liquid            (c) gas            (d) all of these

2. The intermolecular forces are strongest in :

- (a) solids            (b) liquids            (c) gases            (d) none of these

3. A substance which cannot be subdivided is known as :

- (a) molecule            (b) compound            (c) element            (d) particle

4. The smallest unit of matter which can exist independently is called :

- (a) atom            (b) compound            (c) molecule            (d) element

5. Solids are :

- (a) less dense            (b) more dense            (c) least dense            (d) highly compressible

6. Which of the following is a property of the liquids :

- (a) can flow            (b) malleable            (c) definite shape            (d) rigid

7. Which state of matter has the least kinetic energy :

- (a) solid            (b) liquid            (c) gas            (d) none of these

8. The speed of sound is highest in :

- (a) gases            (b) liquids            (c) solids            (d) none of these