

QUIZ PHYSICAL PROPERTIES CONCEPTS

I. CHOOSE THE MOST APPROPRIATE ANSWER

1. MASS is:

- a) a measure of the amount of matter.
- b) the force that gravity exerts on an object.
- c) the resistance of an object to change its motion state.
- d) the amount of space an object takes up.

2. WEIGHT is:

- a) a measure of the amount of matter.
- b) the force that gravity exerts on an object.
- c) the resistance of an object to change its motion state.
- d) the amount of space an object takes up.

3. VOLUME is:

- a) a measure of the amount of matter.
- b) the force that gravity exerts on an object.
- c) the resistance of an object to change its motion state.
- d) the amount of space an object takes up.

4. DENSITY is:

- a) the measure of the mass of a substance that is contained in a given unit of volume.
- b) the force that gravity exerts on an object.
- c) the resistance of an object to change its motion state.
- d) the amount of space an object takes up.

5. TEMPERATURE is:

- a) a measure of the amount of matter.
- b) the force that gravity exerts on an object.
- c) a measure of the ability of a substance, or physical system, to transfer heat energy to another physical system.
- d) the amount of space an object takes up.

6. PRESSURE is:

- a) a measure of the amount of matter.
- b) the force that gravity exerts on an object.
- c) the resistance of an object to change its motion state.
- d) the amount of space an object takes up.

7. SPECIFIC GRAVITY is:

- a) a measure of the amount of matter.
- b) the ratio of the density of a substance to that of a standard substance.
- c) the resistance of an object to change its motion state.
- d) the amount of space an object takes up.

8. SPECIFIC WEIGHT is:

- a) a measure of the amount of matter.
- b) the ratio of the density of a substance to that of a standard substance.
- c) weight per unit volume.
- d) mass per unit volume.

