

Assessment/01



Which of the following is a false statement?

- a) Molecules are formed by two or more atoms bonded together.**
- b) Atoms of different elements have different properties.**
- c) The smallest particle of a compound is an atom.**
- d) Matter occupies a certain amount of space and also has a definite mass.**
- e) Matter can exist as both atoms and molecules.**

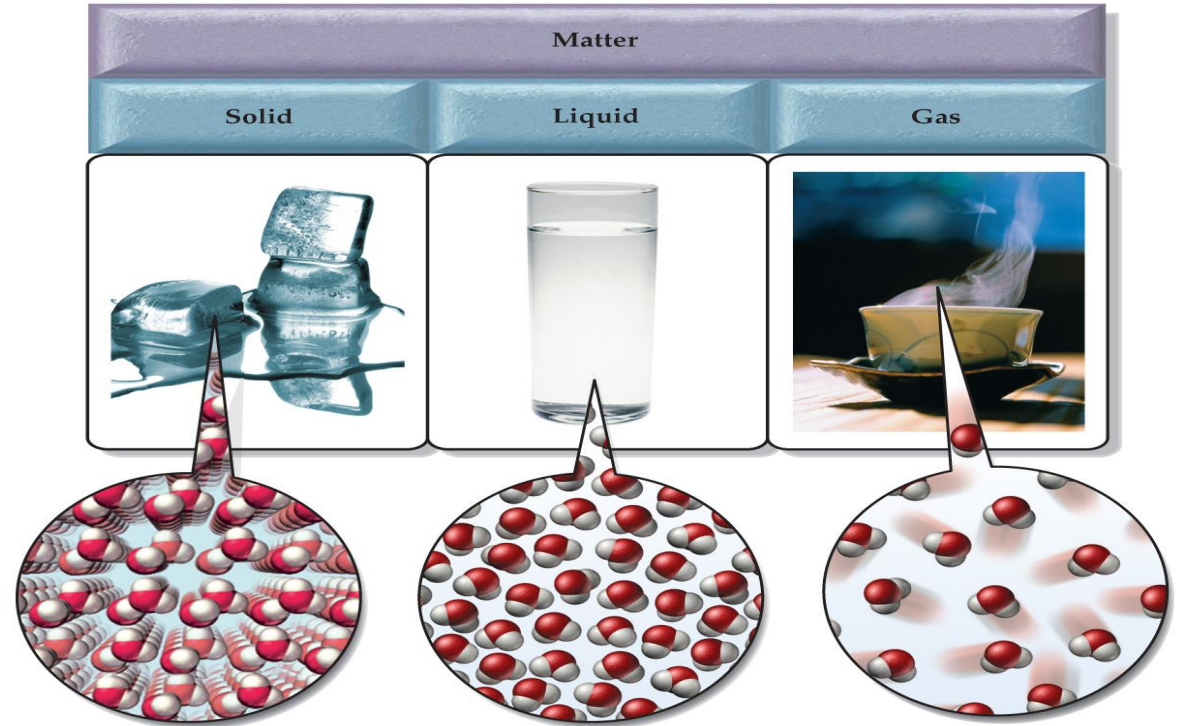
Which of the following can be classified as matter?

- a) Lead**
- b) Salt**
- c) Car**
- d) Chair**
- e) All of the above**

Question 3

A state of matter that has a definite volume and is relatively incompressible is a

- a) solid.
- b) liquid.
- c) gas.
- d) All of the above
- e) Two of the above



Which of the following would NOT be considered matter?

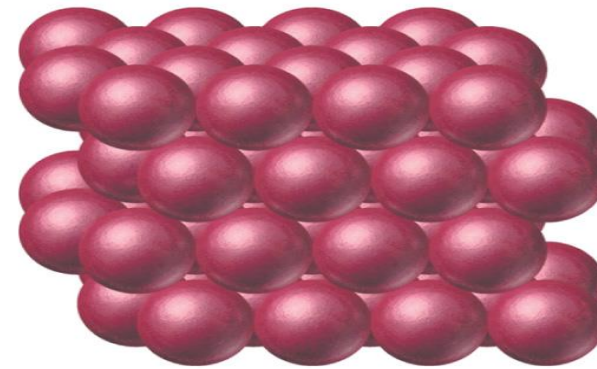
- a) Water**
- b) Sugar**
- c) Light**
- d) Gasoline**
- e) Sand**

Which of the following has a fixed volume and a definite shape?

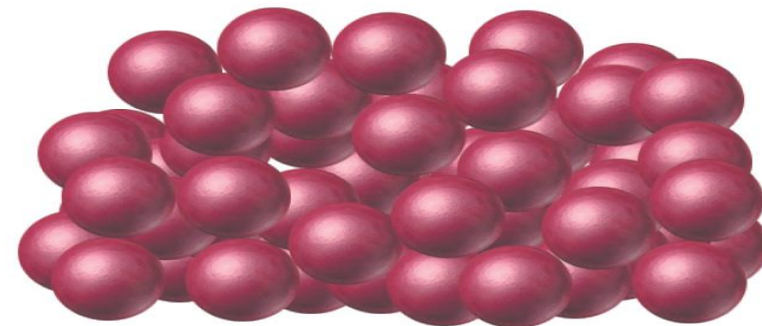
- a) Liquid mercury
- b) H₂O as ice
- c) H₂O as water
- d) Oxygen gas
- e) A compressible gas

Which of the following is an example of an **amorphous** solid?

- a) Diamond
- b) Table Salt
- c) Gold
- d) Water
- e) Plastic



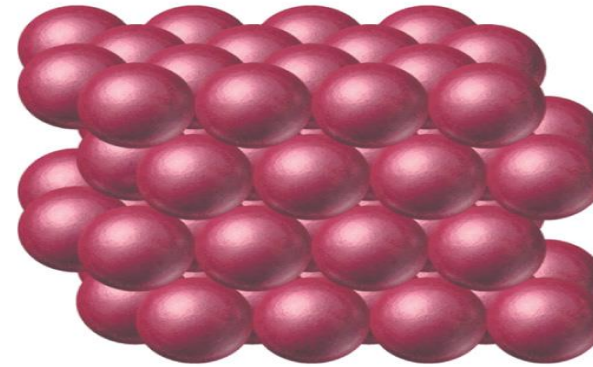
(a) Crystalline solid



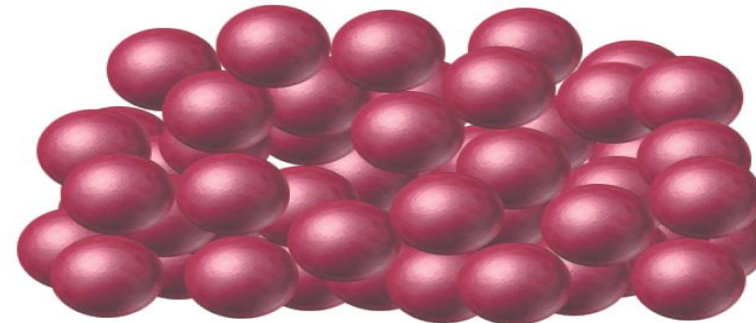
(b) Amorphous solid

Which of the following is an example of a crystalline solid?

- a) Table Salt
- b) Glass
- c) Carbon
- d) Plastic
- e) Non of the above



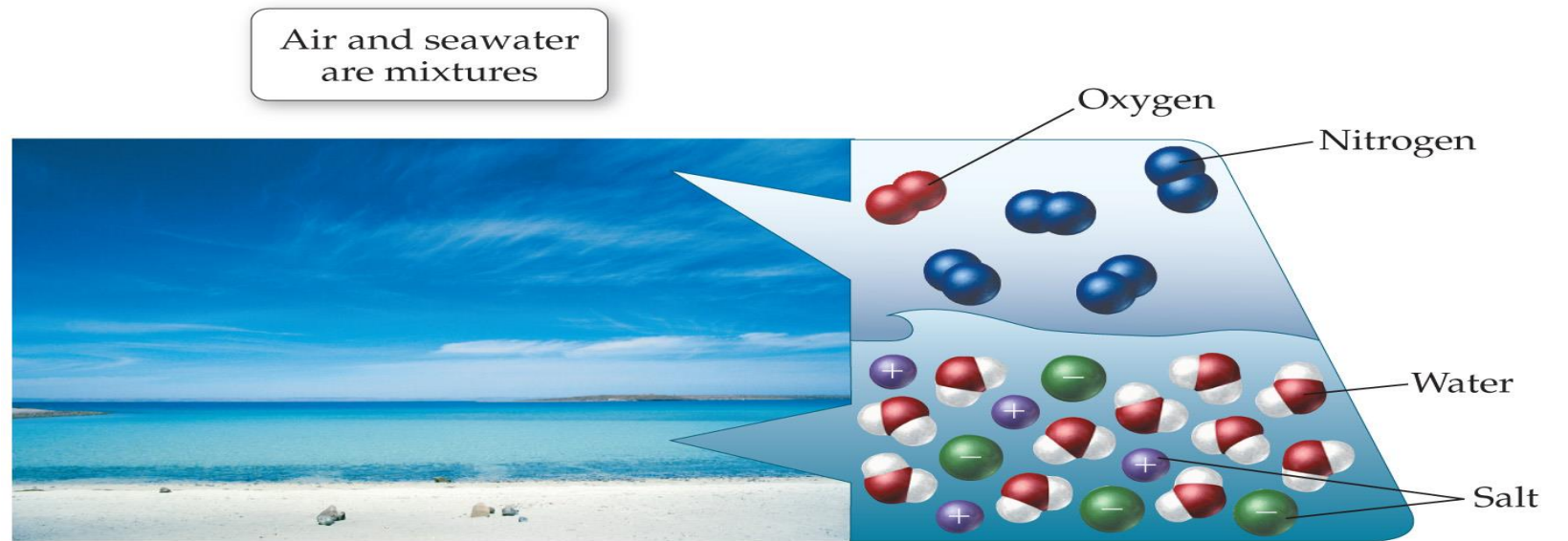
(a) Crystalline solid



(b) Amorphous solid

Which of the following is a mixture?

- a) **Seawater**
- b) **Iron ores**
- c) **Air**
- d) **Milk**
- e) **All of the above**



Which of the following is an element?

- a) Sugar**
- b) Salt**
- c) Helium**
- d) Air**
- e) All of them**

Which of the following is a compound?

- a) Water**
- b) Sodium**
- c) Hydrogen**
- d) Air**
- e) All of them**