



## SSC CGL Questions on Density PDF

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**Instructions**

For the following questions answer them individually

**Question 1**

Which among the following has the maximum density?

- A Water
- B Ice
- C Ethylene
- D Acetone

**Answer: A**

**Question 2**

What is the unit of the physical quantity, Magnetic flux density?

- A siemens
- B weber
- C henry
- D tesla

**Answer: D**

**Question 3**

.....through a plane surface is the product of the magnetic flux density normal to the surface and the area of the surface.

- A Magnetic susceptibility
- B Magnetic resonance
- C Magnetic flux
- D Magnetic pulse

**Answer: C**

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**Question 4**

Density of water is maximum at which temperature?

- A 12 degree Celsius
- B 8 degree Celsius
- C 4 degree Celsius
- D 0 degree Celsius

**Answer: C**

**Question 5**

One nanometer is equal to.....meters.

- A 10 raised to the power (c:
- B 10 raised to the power (6)
- C b: 10 raised to the power (6)  
c: 10 raised to the power (9)
- D 10 raised to the power (1b:

**Answer: C**

**Question 6**

What is the unit of relative density?

- A kg/m
- B kg/m<sup>2</sup>
- C kg/m<sup>3</sup>
- D It has no unit

**Answer: D**

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**Question 7**

If the mass of a solid is doubled, its density :

- A becomes two times
- B becomes half
- C remains unchanged
- D becomes four times

**Answer: A**

**Question 8**

In a sound wave compressions are regions where density \_\_\_\_\_

- A as well as pressure is high.
- B as well as pressure is low.
- C is high and pressure is low
- D is low and pressure is high

**Answer: A**

**Question 9**

If density of oxygen is times that of hydrogen, what will be their corresponding ratio of velocity of sound ?

- A 1 : 4
- B 2 : 1
- C 1 : 16
- D 4 : 1

Answer: A

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### Question 10

The twin planet of the earth which resembles in size, density and mass is

- A Venus
- B Mercury
- C Mars
- D Jupiter

Answer: A

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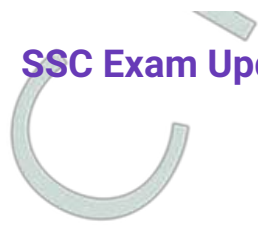
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