

Day #9 of 60 Mission CDSE of Vision Defence Institute

Physical properties and states of matter

- The density of water is maximum at
 - 0 degree Celsius
 - 4 kelvin
 - 4 degree Celsius
 - 4 degree Fahrenheit
- Ductility is the ability for a metal to be
 - Rolled into sheets
 - Pulled into wires
 - Pressed into angles
 - Melted into molds
- Latent heat of condensation is associated with
 - Liquid turning into gas
 - Gas turning into liquid
 - Solid turning into gas
 - Solid turning into liquid
- When a substance changes from a liquid to a gaseous state then it is said to be
 - Boiling
 - Sublimating
 - Melting
 - Condensing
- Which of the following is correct?
 - Inter-molecular force is highest in gas
 - Inter-molecular space is highest in liquid
 - Inter-molecular space is lowest in solids
 - Inter-molecular force is lowest in solids
- Burning a match stick is an example of
 - Chemical change
 - Physical change
 - Chemical property
 - Physical property
- Which of the following is a measure of matter of an object?
 - Weight
 - Gravity
 - Mass
 - Speed
- Amorphous solids are
 - Solids having a pattern of arrangement of atoms.
 - Solids that conduct electricity at high temperature
 - Solids that have high ductility
 - Solids that are brittle
- The pure substance that cannot be broken down into other substances by chemical or physical means is called
 - Element
 - Substance
 - Mixture
 - Compound
- Which is not an example of a physical change?
 - Burning
 - Cutting
 - Freezing
 - Bending

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Current Affairs August 2017

1. Who won the BWF (Badminton World Federation) world championship 2019 in, men singles?

- a) Sai Praneeth
- b) Kento Momota
- c) Jonatan Christie
- d) Lin dan

2. Consider the following about BWF World championships

- 1. It was founded in the year 1977
 - 2. The Tournament does not offer any Prize money
 - 3. In the year 2019 it was held in Basel
- Choose the correct codes
- a) 1 and 2
 - b) 2 and 3
 - c) 1 and 3
 - d) All the above

3. Which month is celebrated as “Poshan Abhiyaan” in India?

- a) October
- b) September
- c) November
- d) December

4. When is the Engineers day celebrated in India?

- a) September 14
- b) September 16
- c) September 15
- d) September 18

5. Which of the following is correct?

- a) Bahrain is a land locked country
- b) Bahrain is one of the Emirates of United Arab Emirates
- c) Bahrain is an island country
- d) Bahrain has no ports.

6. Who was awarded the Hamad Order of Renaissance conferred by the government of Bahrain (Aug 2019)?

- a) Mr Donald Trump
- b) Mr Vladimir Putin
- c) Mr Narendra Modi
- d) Mr Shinzo Abe

7. Who won the BWF world Championship Women’s Single 2019?

- a) Saina Nehwal
- b) P V Sindhu
- c) Nozomi Okuhara
- d) Carolina Marin

8. Consider the following about “Water Treaders”

- 1. They are semi- Aquatic Reptiles
- 2. They belong to the phylum Arthropoda

Choose the correct codes

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of these

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9. Which among the following country launched the world's first floating nuclear reactor?

- a) China
- b) Russia
- c) USA
- d) India

10. Consider the following about Akademik Lomonosov-

- 1. It is world's first floating nuclear reactor.
- 2. It was developed by China
- 3. Its first journey is across the Artic

Choose the correct codes

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above



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