

9th Class Chemistry English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The boiling point of water is	A. 0 ^o C B. 100 ^o C C. 35 ^o C D. 25 ^o C
2	How many covalent bonds does C ₂ H ₂ molecule have.	A. Two B. Three C. Four D. Five
3	In metals, the hold of nucleus over the valence shell electrons is weak due to.	A. High electron affinity B. Large sized atoms C. High ionization energies D. All of the above
4	The enthalpy of reaction 2H ₂ + O ₂ → 2H ₂ O	A. -571.6 kJ B. -110.5 kJ C. -393.5 kJ D. +53.8 kJ
5	Which types of attractive forces are present in ionic compounds.	A. Covalent bonds B. Electrostatic forces of attraction C. Metallic bonds D. Coordinate covalent bonds
6	A base is a substance which neutralizes an acid. Which of these substances is not a base.	A. Aqueous ammonia B. Calcium oxide C. sodium Chloride D. Sodium carbonate
7	Which branch of chemistry deals with the study of stars, planets, comets and interstellar space.	A. Physical chemistry B. Medicinal chemistry C. Astrochemistry D. Geochemistry
8	The distance between the nuclei of two carbon atoms in its elemental form is	A. 150 pm B. 152 pm C. 154 pm D. 156 pm
9	Caustic chemical drain cleaners are capable of dissolving.	A. Hair B. Food C. Grease D. All of these
10	Which liquid among the following is a colloidal solution.	A. Milk B. Slaked lime used for white wash C. Vinegar solution D. Mixture of AgCl in water
11	Atoms react with each other because.	A. they are attracted towards each other B. They are short of electrons C. They want to disperse D. They want to attain stability
12	Acidic Acid is used for	A. Cleaning metal B. Etching designs C. Flavouring food D. Making explosives
13	The batteries in our vehicles are built on the principle of electrochemistry. It is the application.	A. Astrochemistry B. Physical chemistry C. Analytical chemistry D. Organic chemistry
14	The electronegativity of carbon is	A. 2.5 B. 2.0 C. 1.0 D. 4.0
15	Unit of electron affinity is.	A. k J mol ⁻¹ B. k J mol C. pm D. J mol ⁻¹

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- 16 The percentage of $^{238}\text{U}_{92}$ found in nature.
- A. 97%
B. 0.72%
C. 98%
D. 1.5%
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- 17 A bond pair in covalent molecules usually has.
- A. One electron
B. Two electron
C. Three electron
D. Four electron
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- 18 Empirical formula of sand is.
- A. SiO_2
B. SiO_3
C. SiO_4
D. SiO
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- 19 Silicon belongs to Group IVA. It haselectrons in the valence shell
- A. 2
B. 6
C. 3
D. 4
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- 20 A bond formed by the mutual sharing of an electron pair is called.
- A. Ionic bond
B. Metallic bond
C. Covalent bond
D. Coordinate covalent bond
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