

9th Class Chemistry English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Sodium metal has electrons	A. 10 B. 11 C. 12 D. 14
2	When a chemical reaction is carried out with a substance; a gas is produced which turns red litmus paper blue. What is the reaction?	A. Reaction of an acid with a metal carbonate B. Reaction of an alkali with ammonium salt C. Reaction of an acid with ammonium salt D. None of these
3	Which group elements has low ionization energies.	A. Halogens B. Noble gases C. Alkaline Earth Metals D. Alkali Metals
4	A bond formed by the mutual sharing an electron pair is called.	A. Ionic bond B. Metallic bond C. Covalent bond D. Coordinate covalent bond
5	CaO or lime is used extensively in steel, glass and paper industries. It is produced in an exothermic reversible reaction by the decomposition of limestone. Choose the conditions to produce maximum amount of lime.	A. Heating at high temperature in an open vessel B. Heating at high temperature in a closed vessel C. Cooling it in a closed vessel D. Cooling it in an open vessel
6	Predict which components of the atmosphere react in the presence of lightning.	A. N ₂ and H ₂ O B. O ₂ and H ₂ O C. N ₂ and O ₂ D. CO ₂ and O ₂
7	The elements of a group show properties.	A. Same B. Different C. Both a and b D. None of these
8	The word energy is used in physics for the first time.	A. 1902 B. 1858 C. 1805 D. 1802
9	Which of the following statements is not correct about isotopes.	A. They have same atomic number B. They have same number of protons C. They have same physical properties D. They have same chemical properties
10	If reversible reaction is useful for preparing compounds on a large scale.	A. Yes B. No C. They are useful only when equilibrium lies far to the left side D. They are useful only when equilibrium lies far to the right side
11	Which one of the following halogens has the lowest electronegativity?	A. Iodine B. Chlorine C. Fluorine D. Bromine
12	The reaction in which the products can recombine to form reactants are called.	A. Reversible Reaction B. Irreversible reactions C. Decomposition reactions D. Addition reactions
13	17th Group of elements contain electrons in their outer most shell	A. 4 B. 5 C. 7 D. 6

14	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
15	Atomic number of actinium is	A. 57 B. 60 C. 89 D. 80
16	How many covalent bonds does C_2H_2 molecule have.	A. Two B. Three C. Four D. Five
17	Period number of $^{27}Al_{13}$ is	A. 1 B. 2 C. 3 D. 4
18	Mark the incorrect statement about ionization energy.	A. It is measured in kJmol^{-1} B. It is absorption of energy C. It decreased in a period D. It decrease in a group
19	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
20	A sub shell that can accommodate 6 electrons is	A. b B. s C. f D. p