

## Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Conduction of electricity through gases under reduced pressure is due to the transportation of.	A. positive charge B. Negative charge C. Both types of charges D. None of these
2	Quantum number values for 2p orbitals are	A. $n = 2, l = 1$ B. $n = 1, l = 2$ C. $n = 1, l = 0$ D. $n = 2, l = 0$
3	In the ground state of an atom the electron is present.	A. In the nucleus B. In the second shell C. Nearest to the nucleus D. Farthest from the nucleus
4	Splitting of spectral lines when atoms are subjected to strong electric field is called.	A. Zeeman effect B. Stark effect C. Photoelectric effect D. Compton effect
5	Bohr's model of atom, is contradicted by.	A. Planck quantum theory B. Pauli's exclusion principle C. Heisenberg's uncertainty principle D. All of the above
6	Rutherford's model of atom failed because	A. The atom did not have a nucleus and electrons. B. It did not account for the attraction between protons and neutrons. C. It did not account for the stability of the atom D. There is actually no space between the nucleus and the electrons.
7	The wave number of the light emitted by a certain source is $2 \times 10^6 \text{ m}^{-1}$ . The wavelength of this light will be.	A. 500 nm B. 5000 nm C. 200 nm D. $5 \times 10^{-7} \text{ m}$
8	the nature of the positive rays depend on	A. The nature of the electrode B. The nature of the discharge tube C. The nature of the residual gas D. All of the above
9	The nature of copper crystals is	A. Metallic B. Ionic C. Covalent D. Molecular
10	Molecular crystals are generally	A. Hard B. Relatively soft C. Unstable D. do not exist
11	In which system all the three axes are of equal length and all angles are at right angle.	A. Cubic B. Tetragonal C. Orthorhombic D. Hexagonal
12	In triclinic unit cell	A. All axial lengths are equal B. All internal lengths and angles are equal C. Both axial lengths and angles are equal D. Both axial lengths and angles are unequal
13	The shape of diamond crystal is.	A. cubic B. Hexagonal C. Tetragonal D. Orthorhombic
14	Existence of an element in more than one crystalline form is known as.	A. Anisotropy B. Allotropy C. Isomorphism D. Polymorphism

15 Which substances has diffused melting point.

- A. Crystalline solids
- B. Amorphous solids
- C. Metallic solids
- D. Covalent solids

16 Polymorphic substances have

- A. Same physical and chemical properties
- B. Different physical and chemical properties.
- C. Same physical but different chemical properties
- D. Different physical and same chemical properties.

17 Which pair of compound are isomorphic in nature.

- A. NaCl and KNO<sub>3</sub>
- B. KNO<sub>3</sub> and MgO
- C. MgO and NaF
- D. CaF<sub>2</sub> and CaCO<sub>3</sub>