

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Which is the correct order of wave number of the following redistions.	A. X-rays > uv > Infrared > visible> radio waves B. X-rays > uv > visible > Infrared > radio waves C. X-rays > radio waves > uv > visible > Infrared D. X-rays > Infrared > uv> visible > radio waves
2	Visible light is just a portion of radiation emitted by atoms.Which of the following statements is not related with visible light.	A. visible light is electromagnetic in nature. B. It travels with the speed of light C. It is a mass D. The wave number of light is directly proportional to its wave length.
3	The isotonic nucleotide X and Y have mass numbers 35 and 37 respectively if the atomic number of X is 17 the atomic number of Y will be.	A. 15 B. 17 C. 19 D. 18
4	Which of the following pairs of fundamental particles are present in equal numbers in a neutral atom.	A. Proton and neutron B. Proton and positron C. Electron and proton D. Neutron and electron
5	Isotopes are atoms whom nuclei have the same atomic number but different mass numbers. A specific isotope has an atomic number of 18 and a mass number of 35. How many electrons are there in the neutral atom.	A. 17 B. 18 C. 34 D. 35
6	Rutherford proposed the nuclear model of the atom to account for the result of experiments in which the alpha particles are scattered from metal foils.Which of the following statements in not related to Rutherford observation.	A. An atom consists of central core or nucleus around which the protons exist. B. The nucleus has most of the mass of the atom C. the nucleus consists of protons and neutrons. D. Each distinct atom has a specific number of protons.
7	J.J. Thomson established certain properties about cathode rays. Which of the following is not related to cathode rays.	A. Cathode rays from a gas discharge tube consists of negatively charged particles B. Cathode rays are called electrons. C. The e/m ratio of cathode rays depends on the gas inside D. Cathode rays are affected by electric and magnetic fields.
8	Which of the following properties are not related to an atom.	A. An atom consists of two basic parts , a nucleus and one or more electons. B. The nucleus is the central core of an atom C. An electron is a heavy and negatively charged particle. D. The nucleus itself consiste of two particles.
9	The rays emitted by the cathode in a gas discharge tube under low pressure and high voltage of electricity are called cathode rays. Which of the following properties are not related to cathode rays.	A. These travel in a straight lines. B. These are deflected by magnetic and electric field. C. Minerals Fluoreace with a characteristic color when placed in a beam of cathode rays. D. These are dependent of the material used for the electrode.