



CHEMISTRY-TEST (Structure of Atom)

Instructions:				9 th Science
-	tions are compulsory. the questions in order.			Time : 1 Hr M. marks : 25
		Section-A		
i) E. Rutherford (fath	er of nuclear physics) got	Noble Prize in chemistry	in1908 for the discovery of	
a) Nucleus	b) Electron	c) Proton	d) None	
ii) According to Bohr	's Model of Atom L shell h	nas maximum nu	mber of electrons.	
a) 2	b) 8	c) 12	d) None	
iii) Atoms of differen	t elements which have sa	me number of neutrons	are called	
a) Isotopes	b) Isobars	c) Isotones	d) None	
iv) Isotopes are used				
a) as a fuel	b) in the treatment	c) Determining age	d) All	
v) The nucleus of Hyd	drogen is known as			
a) Proton	b) Positron	c) Nucleon	d) Neutrino	
Q. 2. DEFINE THE FO	LLOWING.		_	(1) each
i) Anode Rays				
ii) Isotope		7		
iii) Isobars				
iv) Valence				
v) Mass Number				
		Section-B		
Q. 3. ANSWER THE F	ollowing.		_	(2) each
i) Na⁺ has completely	r filled K and L shells. Expl	lain.		
ii) Calculate no. of Pr	otons and Neutrons in A-	14 and B-18 where A an	d B are not symbols.	
Q. 4 GIVE SOLUTIONS FOR THE FOLLOWING.				(3) each
i) Write three subato	mic particles of an atom	along with their charge,	mass and discoverer.	
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