LASS: IX NCERT (CBSE)	CHEMISTRY: FOR CLASS 9 PA	4GE:1
	STRUCTURE OF THE ATOM	
Question (1): Almost the entire	mass of an atom is concentrated in the	
	1. proton	
	2. electrons	
	3. nucleus	
	4. neutrons	
		Ans: 3
Question (2): Electron was disc	•	
	1. Chadwick	
	2. Thomson	
	3. Goldstein	
	4. Bohr	A 2
Question (3): An atom has a ma	ass number of 23 and atomic number 11. The number of proto	Ans: 2
are	ass number of 23 and atomic number 11. The number of prote	7115
	1. 11	
	2. 12	
	3. 23	
	4. 44	
		Ans: 1
Question (4): The mass of the ar		
	1. neutrons	
	2. neutron and proton	
	3. electron	
	4. electron and neutron	A 2
Question (5): The K. Land M.s.	hells of an atom are full. Its atomic number is	Ans: 2
Question (3). The IX, L and IVI 5.	1. 18	
	2. 20	
	3. 10	
	4. 12	
		Ans: 1
	pressures is appropriate for the production of cathode rays in t	the
discharge tube?		
	1. 1 cm Hg	
	2. 1 mm Hg	
	3. 0.001 cm Hg	
	4. 0.001 mm Hg	
Quartier (7): Cathoda rays are	deflected towards	Ans: 4
Question (7): Cathode rays are of	1. positive electrode	
	2. negative electrode	
	3. both electrodes	
	4. none of the electrodes	
	i. none of the electrodes	Ans: 1
Mobaita vivia asiantiatutarial	s.in & +91 9864920707 E-mail: scientiatutorials@gmail.	

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	CTURE OF THE ATOM	I AGE.Z
Question (8). The absolute charge of an	alactron is	
Question (8): The absolute charge of an	1.6 x 10 ⁻¹⁹ C	
	$2. + 1.6 \times 10^{-19} \text{C}$	
	3. 1.6 x 10 ⁻¹⁹ C	
	l. 16 x 10 ⁻¹⁹ C	
	10 % 10	Ans: 1
Question (9): The proton is heavier than		
	1. 1850 times	
	2. 1840 times	
	3. 1000 times	
	4. 100 times	
0 4 40 6 1 10 1		Ans: 2
Question (10): Carbon-12 atom has	·	
	s, 6 protons, 6 neutrons	
	s, 12 protons, 6 neutrons	
	ns, 6 protons, 6 neutrons	
4. 18 electron	ns, 6 protons and 6 neutrons	A 1
Question (11): Chadwick got the Nobel 1	Prize for the discovery of	Ans: 1
Question (12). Chadwich got the 140001	1. protons	
	2. neutrons	
	3. electrons	
	4. mesons	
		Ans: 2
Question (12): Mass number is equal to	the	
1. number of p	rotons + number of electrons	
2. number of p	rotons + number of neutrons	
3. number of n	eutrons + number of electrons	
4. number of e	lectrons	
0 4 42 5 1	*	Ans: 2
Question (13): The element X has 2 vale		
	1. metal	
	2. non-metal	
	3. metalloid	
	4. gas	Ans: 1
	as of an atom when compared to the extra nuclea	
is	Lhican	
	l. bigger	
	2. smaller	
	3. same size	
2	1. unpredictable	Ans: 2
		AIIN: /

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	E OF THE ATOM	
Question (15): In Rutherford's alpha-scattering	g experiment, a foil of element that was us	ed
 1. go	ld	
2. sil	ver	
3. alu	uminum	
4. ma	agnesium	
		Ans: 1
Question (16): An element has an electronic c	onfiguration of 2, 8, 7. Its valency is	
	1. 1	
	2. 7	
	3. 17	
2	4. 8	
		Ans: 1
1 _H		
Question (17): The other name of ¹ is		
		
-	itium	
3. de	euterium	
4. pr	roton	
		Ans: 1
Overtion (18): During a shaminal reaction at	amia numban	
Question (18): During a chemical reaction, ato 1. changes	onne number	
2. remains sa	ma	
	d then is restored	
	0.1.110.41.15.11.51UUU.1	

Question (19): The fixed circular paths around the nucleus are called_____.

1. orbits

2. orbitals

3. nucleons

4. mesons

Ans: 1

Ans: 2



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