Inter (Part-I) 2016

inter (Fart-1) 2010		
Chemistry	Group-l	PAPER
Time: 20 Minutes	(OBJECTIVE TYPE)	Marks: 1
Note: Four possible are given. The circle in front the answer-book result in zero in 1-1- Which of th percentage of (a) HCl (c) HF √ 2- For which sy units of (cond (a) N ₂ + 3H ₂ √ (c) 2NO ₂ ← 3- The deviation maximum at: (a) -10°C and (c) 100°C and 4- 18 g glucos	answers, A, B, C and D to choice which you think is of that question with Markook. Cutting or filling two or nark in that question. e hydrogen halides had ionic character: (b) HBr (d) HI stem does equilibrium compared.	correct, fill er or Pen inlemore circles s the high onstant, K, ==================================
(a) $\frac{1}{5}$	(b) 5.1	
(c) $\frac{1}{51} \sqrt{}$	(d) 6	
present: (a) In the nucle (b) In the sector (c) Nearest to (d) Farthest for 6- If a strip of Co (a) Cu will be		ution of Fe ecipitated

7-	In order to mention the boiling point of water at	
	110°C, the external pressure should be:	
	(a) Between 760 torr and 1200 torr √	
	(b) Between 200 torr and 760 torr	
	(c) 765 torr (d) 320 torr	
8-	One mole of SO ₂ contains:	
	(a) 6.02×10^{23} atoms of oxygen	
	(b) 18.1×10^{23} molecules of SO ₂	
	(c) 6.02×10^{23} atoms of sulphur $\sqrt{}$	
	(d) 4 gram atoms of SO ₂	
9-	The net heat change in a chemical reaction is same, whether it is brought about in two or more different	
	ways in one or several steps. It is known as:	
	(a) Henry's law (b) Joule's principle	
	(c) Hess's law √ (d) Law of conservation of energy	
10-	The pH of 10 ⁻³ mol dm ⁻³ of an aqueous solution of	
	H ₂ SO ₄ is:	
1	(a) 3.0 (b) 2.7 √	
	(c) 2.0 (d) 1.5	
11-	Quantum number value for 2p orbitals are:	
•	(a) $n = 2$, $l = 1 \sqrt{2}$ (b) $n = 1$, $l = 2$	
40	(c) $n = 1$, $l = 0$ (d) $n = 2$, $l = 0$	
12-	Solvent extraction method is particularly useful	
	technique for separation, when the product to be	
•	separated as: (a) Non-volatile or thermally unstable	
	(b) Volatile or thermally stable	
1.	(c) Non-volatile or thermally stable	
	(d) Volatile or thermally unstable 1/	
13-		
	(a) Ionic crystals (b) Covalent crystals	
- 1	(c) Molecular crystals √ (d) Metallic crystals	
14-	The order of the rate of diffusion of gases NH ₃ , SO ₂ ,	
	Cl ₂ and CO ₃ is:	
	(a) $NH_3 > SO_2 > Cl_2 > CO_2$ (b) $NH_3 > CO_2 > SO_2 > Cl_2 \checkmark$	
•	(c) $Cl_2 > SO_2 > CO_2 > NH_3$ (d) $NH_3 > CO_2 > Cl_2 > SO_2$	
	(5) 5.2 552 11.13 (d) 11.13 5002 5012 5002	

15- The number of bonds in nitrogen molecule is:

(a) One σ and one π

(b) One σ and two π $\sqrt{}$

(c) Three sigma only

(d) Two σ and One π

16- In zero order reaction, the rate is independent of:

(a) Temperature of reaction

(b) Concentration of reactants √

(c) Concentration of products

(d) Light

17- 27 g of Al with react completely with how much mass of O₂ to produce Al₂O₃:

(a) 8 g of oxygen

(b) 16 g of oxygen

(c) 32 g of oxygen

(d) 24 g of oxygen √

