Paper		_	2015 (A)			
Numb	er: 648	37 INTERM	EDIATE PART-I	(11 th CLASS)		
GROUNote: think is Cutting as giver	JP-I You have four correct, fill the gor filling two in objective ty	at circle in front o or more circles wil ype question paper	OBJECTIVE Objective type question of that question numbers of the control of the	MAXIMU n as A, B, C and D. T er. Use marker or pe in that question. Atte nk. No credit will be	empt as many question awarded in case	
BUBBI Q.No.1	LES are not fill	ed. Do not solve o	question on this sheet	of OBJECTIVE PAI	PER.	
(1)	The deviation	of a gas from ideal	behaviour is maximur	n at: (Λ) 10°	^{0}C and 5.0 atm	
(1)			(C) $100^{\circ}C$ and 2.0		$0^{\circ}C$ and 2.0 atm	
(2)	. ,			. ,		
(2)	J		point among the hydric			
	. , ,	C	(B) Lone pair of ele	•		
	•	Structure of NH_3	` '	onegative character of	Nitrogen	
(3)	Ionic solids are characterized by:- (A) Low melting point					
(4)	. ,	B) High vapour pressure (C) Good conductivity in solid state (D) Solubility in polar solvents ground state of an atom, the electron is present:-				
(4)	(A) In the nucleus (B) In the second shell (C) Nearest to nucleus (D) Farthest from the nucleus					
(5)	. /	g same energy are c	. ,	st to flucteus (D) Fait	nest from the nucleus	
(3)	(A) Hybrid orb	_	alence orbitals	(C) Degenerate orbi	itals (D) d-orbitals	
(6)	molecule	e has zero dipole m	oment. (A) NH_3	(B) $CHC\ell_3$ (C)	H_2O (D) BF_3	
(7)	is the H	ydrogen halide whi	ch has the highest perc	centage of Ionic charac	eter.	
	(A) $HC\ell$	(B) <i>I</i>	HBr	(C) HF	(D) <i>HI</i>	
(8)	If an endothermic reaction is allowed to take place very rapidly in the air, the temperature of the					
	surrounding air	r:- (A) Remains co	onstant (B) Increases	(C) Decreases (D)	Remains unchanged	
(9)	Which statement about the following equilibrium is correct:-					
	$2SO_2 + \epsilon$	$O_2 \Longrightarrow 2SO_3$	$\Delta H = -183 \text{KJ mol}$	y-1		
	(A) The value	of Kp falls with ris	se in temperature (B)	The value of <i>Kp</i> falls	with increasing pressur	
	(C) Adding V_2	O_5 catalyst increase	e the yield of SO_3 (I	O) The value of Kp is	equal to Kc	
(10)	The pH of 10	$^{-3}$ mole dm^{-3} of an	aqueous solution of H	H_2SO_4 is:- (A) 3.0 (H	B) 2.7 (C) 2.0 (D) 1.	
(11)	The molal boiling point constant is the ratio of the elevation in boiling point to:-					
	(A) Molarity	(B) Molality	(C) Mole fraction	n of solvent (D) Mo	ole fraction of solute	
(12)	Stronger the o	xidizing agent, grea	ater is the:-			
	(A) Oxidation	potential (B) R	Reduction potential	(C) Redox potential	(D) E.M.F. of cell	
(13)	_		$2A + B \rightarrow \text{product is,}$ r of reaction is:- (A		-	
(14)	The mass of o	ne mole of electron	is:- (A) 1.008 mg	(B) 0.55 mg (C) (0.184 mg (D) 1.673 mg	
(15)	(A) $3.6 \text{ g of } H$	=	$.8 \text{ g of } C_2H_5OH$		= *	
(16)	_		the solutes move in paralue of solutes (C) To		of chromatographic tan	
(17)	, ,	lume of CO_2 is ma	• •	emperature (D) Size	or emomentographic tall	
(11)	(A) STP	-	$27^{\circ}C$ and $1atm$	(C) $0^{\circ} C$ and 2atm	(D) $273^{\circ}C$ and $2atn$	
		` /				