1124	Warning:- Please write your Roll No. in the space provided and sign.Roll No (Inter Part - I) (Session 2020-22 to 2023-25) Sig. of Student						
Chemi			(Group - I		Paper		. ;
		d:- 20 minutes	PAPER COD			ım Marks:- 17	i
Note:- You have four choices for each objective type question as A, B, C and D. The choice which you think is correct; fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Write PAPER CODE, which is printed on this question paper, on the both sides of the Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or							
white correcting fluid is not allowed. SGD-2-24 Q. 1 1) The molal boiling point constant is the ratio of the elevation in boiling point to							
	(A) N	Iolarity	(B) Molality		raction of	nt to (D) Mole fraction solute	of
2)			an oxidizing agent (B) is oxidized	(C) loses ele	ectrons	(D) Is hydrolyzed	1
3)	in la	rge excess, then or					present
4)	(A) 2 One d	.5 lm ³ of N ₂ at S.T.P	(B) 3 contains about	(C) 1.5		(D) 1	
5)		$.37 \times 10^{22}$ atoms	(B) 3.01×10^{23} atoms CO_2 which contain 8.0g			(D) 2.68×10^{19} a	toms
	(A) 0	.25	(B) 0.50	(C) 1.0		(D) 1.50	, de
	(A) S		(B) 127°C and latm	(C) 0°C and		(D) 273°C and 2a	atm 32
	A) Bot	th 'a' and 'b' are	der Waals equation will re (B) 'a' is small and 'b' is			(D) Both 'a' and small	'b' are
8)	larg		large t which the solutes move		matography		5
0)		he size of paper	(B) Temperature of the experiment	(C) R_f value	s of solutes	(D) Size of the chromatographic	tank used
9)		•	dine dissolves in water d		on of		36
	(A) I ₂	2	(B) 1/3	(C) 10		(D) p_2	• 5
10	(A) C		O°C, its density decreases (B) Change of bond lengths	due to (C) Change angles	of bond	(D) Empty spaces in the structure	
11)		nolecules of CO ₂ is onic crystals	n dry ice form the (B) Covalent crystals	(C) Molecula	ar crystals	(D) Atomic crysta	ls
12)		ing of spectral line eeman effect	es when atoms are subject (B) Stark effect	ed to strong r (C) Photoele	magnetic fie ectric effect	ld is called (D) Compton e	ffect
13)		naximum number	of electrons in a subshell (B) $2\ell + 1$			(D) $2(2\ell+1)$	
	(A) S	iH ₄	molecules has net dipole (B) SO ₂	(C) CCl ₄		(D) AlCl ₃	1
15)	Which (A)		(B) O_2^{2-}	etrons in antib (C) N_2^{2-}	oonding mol	ecular orbitals? (D) F ₂	Ì
16) For a given process, the heat change at constant pressure (q _p) and at constant volume (q _v) are related to each other as							
17	(A) q The p	_p > q _v oH of 10 ⁻³ mol dm	(B) $q_p < q_v$ of an aqueous solution of	(C) $q_p = q_v$ of H_2SO_4 is		(D) $q_p = q_v/2$	2
	(A) 3		(B) 2.7	(C) 2.0		(D) 1.5	V
1135 - 1124 - 15000 (4)							

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