Roll No. of Candidate :													v v v
CHEMÍSTRY (Intermediate Part-I, Class 11 th) 322 - (IV) Paper I (Group - II													
		0 Minute				CTIVE							
Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correfill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or mo circles will result in zero mark in that question. Attempt as many questions as given in objective type quest paper and leave others blank.													g two or more
1.						aqueous solu	tion of			·			
		(A) 1.5	. ~	- (B	2.0	1		(C)		/	<i>(</i> D)	2.7	
	2 -	S	ubstance	is used a	s deco	olourizing ag	ent in c	rystal	lization pro	cess.	(D)	11.00	
						imal charcoa	l	(C)	CaCl ₂		(D)	H ₂ SO ₄	
		Bohr mode				d by		(D)	dual nature	of matt	Ar		
		(A) plank				nainla \			all of these		CI		
						nciple	ac dua		/	,			
	4 -				its de	nsity decheas	es auc		changes bo	nd lengt	th		
		(A) cubic			n etru	cture of ice		/	changes be				
						cture of ice \are present in	λ	7	Vitaligue o	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	9 -					g of C ₂ H ₅ C		(C)	2.8 g of C	O	(D)	5.4 g	of N ₂ O ₅
	6					water may h		` '	-				
	0 -	(A) equa					\wedge	(B)	more than	that of v	vater		
		(C) equa			1		/ \	(D)	less than t	hat of w	ater		
	7 -	i											
		(A) glas		4.00	3) Ca	ıF ₂		(C)	NaCl		(D)	HCl	
	8 -	Orbitals h	aving san	ne energ	y are o	called /							
		(A) dege	nerate or	bitals (1	3) S	and P orbital	S	(C)	molecular	orbitals	(D)	valenc	e orbitals
	9 -	In Sp ³ hyl	orid orbita			cter is		\	\		(D)	1000/	
		(A) 25%		(E	3) 59	%		(C)	₹5%		(D)	100%	
	10 -	Number o	f molecu	les in on	e dyn ³	of water is c	lose to		1/6				22
		(A) $\frac{6.02}{22.4}$	$\times 10^{23}$	9	$\frac{1}{2}$	$\frac{2.04}{2.4} \times 10^{23}$		(C)	$\frac{16}{22.4} \times 10^2$	23	(D)	55.6	x 6.02 x 10 ²³
	11 -	Solvent ex	xtraction	is an equ	ilibrii	im process a	nd is co	ontroll	led by\	•			
		(A) law	of mass a	ction (1	B) am	ount of solve	nt used	l (C)	distribution	n law	(D)	amou	nt of solute
	12 -	If the rate	equation	6f a rea	ction	2 A+B	→ proc	ducts i	is, rate =\K	[A] [E	3] and	A is p	resent
		in large e	xcess the	n order o	f reac	tion is			\				
		(A) 1			B) 2						(D)	4	
	13 -	The numb	per of bor	nds in nit	rogen	molecule is		_ ·	thus a sign	d only	(D)	two	σ and one π
		(A) one	6 and on	$ne \pi$ (1	3) on	σ and two	π	(C)	three sign	aomy	(D)	two	σ and one π
	14 -	/	y subato			re thought to	exist i	n an a (C)		\	(D)	100	
		(A)/3		,	B) 20			, ,	30	\	(D)	100	
	15 -	Stronger	the oxidi	zing age	nt grea	ater is the		· (C)	oxidation n	otential	(D)	reduct	ion potential
		/		000		i ot				1			
	16 -/	ine mola	r volume	01 002	(D) 1	ximum at	atm	(C)	O ⁰ C and	2 atm	(D)	273	C and 2 atm
	/-	(A) SII	nantian N	Ja∩U ± 1	HCl =	→ NaCl+	-H ₂ O 1	the ent	thalov chan	ge is cal	lled		
	/17-	(A) has	t of reacti	ion (B) h	eat of format	ion	(C)	heat of net	utralizati	on (D) heat (of combustion
		(A) nea	or reacti	(נו נע	out of format	×	(0)					22 -31000
						and the same of th	4				1		