oter	You have four choice fill that circle in front of that	s will result no mark.	ION-A	C	Non takes
	You have tour choce fill that circle in front of that filling up two or more circle	A A	В	Cu and Fe both	No reaction takes place
0/	Questions		Fe is precipitated	dissolve	
	of Cu metal is placed	in a Cu will be deposited	out	Na ₂ CO ₃	CH ₃ COONa
	polution of Pedoc.	The second secon	AlCl3	-	basic
2.0	ndrolyse in water	Towns .	Highly acidic	neutral	
3. 1	he solution having zero pH will	De.	H ₂ + I ₂ == 2HI	2HF ≠ H ₂₊ F ₂	$2NO_2 \rightleftharpoons N_2O_4$
4. 0	or which system does quillibrium constant, Ke has nits of (concentration)-1?			-25.0 KJmol ⁻¹	-285.8 KJmol 1
- TI	ne enthalpy of solution of sodi arbonate is:	-16.2 KJmol ⁻¹	+16.2 KJmol ⁻¹		- 10
Fo	r a given process, the hanges at constant pressure (d) at constant volume (q _e)	Qo" Qv	q ₀ > q _v	q _p < q _v	q _p = q _v /2
7. Spli	itting of spectral lines who are subjected to stro	nen effect	Photoelectric effect	Stark effect	Compton effect
8. Which	tric field is called: th of the given molecules h dipole moment?	nas BF ₃	H ₂ O	CHCl ₃	NH ₃
. Which	of the given hydrocarbo he highest value of heat zation?	of CH4	C ₂ H ₆	C ₃ H ₈	C6 H14
	olids are characterized by:	Low melting points	Good conductivity in solid state	High vapour pressures	Solubility in polar solvents
given to can be co formula:	nsity of an ideal gas at emperature and pressur alculated by employing the	$d = \frac{PM}{RT}$	$d = \frac{P}{RT}$	$d = \frac{nP}{RT}$	$d = \frac{PM}{V}$
which ten gas will b at O°C:	remaining constant, at operature, the volume of a ecome twice of what it is		200 °C	273 °C	100 °C
olutes hromatogi	rative rates at which the move in paper raphy depend on:	The size of paper	R _f values of solutes	Temperature of the experiment	Size of the chromatographic t
out	f N ₂ at S.T.P contains	5.37x10 ²² atoms	3.01x10 ²³ atoms	6.02x10 ²³ atoms	
itains 16g	of moles of CO ₂ which of Oxygen:	0.25	0.50	1.0	1.50
B → Prod A is presen the order	ation of a reaction fuct Rate=[A] ² [B], nt in large excess, of reaction is:	2.5	3	1	2
ng a red zing agent	dox reaction, an	Gains electrons	Is oxidized	Loses electrons	Is hydrolyzed

			Roll No.	(To be filled in by the candidate
Che	mistry		H.S.S.C (11th) 1st Annual 2023	Time : 2:40 Hours
Pape		Group: 1	Subjective	Marks : 68
Note:	Section B is co	ompulsory. Attem	pt any Three questions from Section C.	
	Marketon Control of Control		SECTION-B	
2.		wers to any Eight		(8 x 2 = 16)
ii. iii. iv.	How efficiency	of reaction is exp	the sample of element has mass of 20.18 am les in 10g of ice. iressed? equation in 5i(System International) system.	u Why?
v. vi.	AAUA uocuist sit	'M from ideal ga	n diver's tank?	
vii.	State Pauli excl	13		
	Why nature of (Cathode rays is in	dependent of gas used in discharge tube.	
	washing on my William	or spectrum of hy	(drogen?	
	Define standard	enthalpy of neut	ralization with one example	
2000	AALIMET IN PROPERTY.	nction? Give one	example	
	Write short annu	le is spontaneous ers to any Eight pa	process, Justify,	
	Define analytica	Lebonici eight pa	irts.	(8 x 2 = 16)
1967	Write four saller	nt features of an u	deat sekuah	
(ii.)	What is the diffe	rence between a	deal solvent, used in the process of crystallization and partition chromatography?	on.
				5 50
	COLUMN TO SERVICE SERV	II Of PIVELIE Diebor	Planes Planes - Care	SWL GRP-1
			ne solid and amorphous solid.	2MF QKL I
	CONTRACTOR OF THE PERSON OF TH	IR DOINTS of the ex-	Mark to the first transfer of the second sec	
X	Non-ideal solution	ons do not obey th	re Raoult's law. Give reason.	
	CONTRACTOR OF THE PART FROM E	ween homogened atalysis. Give one	Will moved brooks state or	
di.	The radioactive of	decay is always a fi	example, irst order reaction, busts.	
. 1	Write short answe	ers to any Six parts	To ser reaction, Justify,	
100	Define ionization	energy with an av	campia.	(6x2=12)
	四(本) bonds are	e more diffused th	an sigma (cr) bonds Justify	
7	CALL SHARE SHARE SHARE STATE OF	NE. WENDER	to the first and the first fir	
V. 6	tate Le Chatelier	r's principle.		
			s of Chemistry, Justify,	
	THE RESERVE OF THE PARTY OF THE	m number of ches.	PROFILE AND THE PROFILE AND TH	
into as		oportance or Stan	dard Hydrogen Electrode (SHE).	
(al	uningt any Three o	juestions. Each qui	SECTION C estion carries Eight (08) marks.	100
(b) A	sample of ve	o rescuirt Cive	example. Also write down steps to identify	(8x3=24)
1	O "C is expande	oton with a volum	example. Also write down steps to identify it ne of 6.25 dm ³ , a pressure of 765 torr and a to 9.55 dm ³ and a pressure of 375 torr. When	(4)
(n) 1	emperature in	C?	ne of 6.25 dm ³ , a pressure of 765 torr and a to 9.55 dm ³ and a pressure of 375 torr. What w	Ill be as a
100	escurs structure	C ? of sodium chlor	ide in detail	to be its final (4)
(6)	Afferentiate bet	ween spontaneo	ide in detail. us and non-spontaneous process with examp model	
(6)	Minder defects	in Bohr's atomic	model.	les. (4)
	plotter trie pre	of a buffer solution	on in which a sa	(2+2=4)
(A) 1	befine bond or	sent K. for CHICO	OOH is 1.85×10 ⁻⁵ .	notar acetic acid (4)
	THE RESIDENCE	E CHIEF PO	was ween ionic character	(4)
(n) +	niet e	saw diag	fam. Explain its electrodes with	
10	bannunganue i	properties and wi	A reaction? occ	uring on (1+3=4)
(b) D	scuss any two f	actors affecting ra	ram. Explain its electrodes with reactions occurs ome properties are colligative? Also give contents of reactions.	onditions for
				(4)
		-		211-323-1-4-17000 (4)