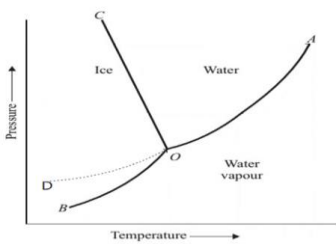


SEM-IV CHEMISTRY PAPER- I PRACTICE MCQ's

Question	Option 1	Option 2	Option 3	Option 4
A chemical process involving the loss of electrons is a definition of _____	oxidation	reduction	galvanization	cathodic protection
The salt used in salt bridge should have transport number _____	greater than 0.5	less than 0.5	almost equal to 0.5	one
_____ cell has same half cells	Electrolytic	Chemical	Electronic	Concentration
In the given equation, what is the number of component/s? $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}(\text{s}) = \text{CuSO}_4 \cdot 3\text{H}_2\text{O}(\text{s}) + 2\text{H}_2\text{O}(\text{g})$	1	2	3	4
Negative slope of curve OC in the Water phase diagram indicates	increase of melting point with increase in pressure	decrease of melting point with increase in pressure	increase of boiling point with increase in pressure	decrease of boiling point with increase in pressure
				
The cyano complex of iron _____ was used as the artist's paint.	zeise's salt	prussian blue	potash alum	cobalt trichloride triammonia
Oxalate is an example of _____ ligand.	unidentate	bidentate	tridentate	hexadentate
Among the following _____ is the example of quadridentate ligand.	glycinato	pyridine	ethylenediaminetetraacetato	nitrilotriacetato
_____ is known as wonder metal	Fe	Ni	Ti	V
The lowest oxidation state of copper is _____	1	2	3	4
Write the IUPAC name of the malonic acid	propanedioic acid	1,5-pentanedioic acid	1,4-Butanedioic acid	1,3-dihydroxypropane-1,3-dione
Which of the following can show optical isomerism?	2,2-dimethylpropanoic acid	2-methylpropanoic acid	2-methylbutanoic acid	ethanoic acid
Which of the following have maximum extent of resonance?	RCOCl	$(\text{RCO})_2\text{O}$	RCOOR	RCONH_2
Sulfonation of naphthalene occurs more rapidly at 1-position because the resulting _____ is more stable.	carbocation	carbanion	radical	diradical
_____ is not used as sulfonating agent.	H_2SO_4	$\text{H}_2\text{S}_2\text{O}_7$	SO_3	SO_2Cl_2