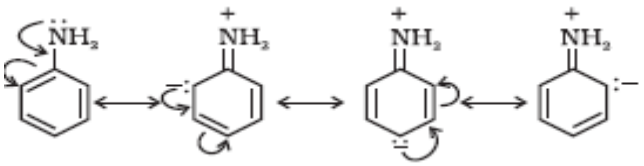
CLASS: XI	**INDIAN SCHOOL MUSCAT** **SECOND PERIODIC TEST**	SUBJECT:CHEMISTRY
	SET - A	
QP.NO.	VALUE POINTS	SPLIT UP MARKS
1.	c	1
2.	c	1
3.	Oxidation potential	1
4.	crystallisation	1
5.	Stock notation	1
6.	a) $CH_3COCH_2COCH_3$ b) 3-Ethyl-4-methylhexane	1+1
7.	E^0 cell = $E_{cathode}$ - E_{anode} = (- 0.45)- (- 0.75)=0.30V Cr/ Cr^{3+} || Fe^{2+}/ Fe	1 1
8.	a) 3-Hydroxypentanoicacid b) 2-Methylcyclohexanone	1 1
9.	Cl_2O_7 + $6H^+$ + 8 e- → 2 $Cl O_2^-$ + 3H2O H_2O_2 + → $2H^+$ + O_2 + 2e- Cl_2O_7 + $4H_2O_2$ +2OH^- → 2 $Cl O_2^-$ + 4 O_2+5 H2O	1 1 1
10.	a) A known mass of an organic compound is heated with fuming nitric acid. Sulphur is converted to H_2SO_4. Excess of $BaCl_2$ is added to precipitate $BaSO_4$. The precipitate is filtered, washed, dried and weighed. From the weight of $BaSO_4$ percentage of sulphur can be determined b) CH_3^+ , $AlCl_3$ - Electrophiles R_2NH, HS^- -Nucleophiles	2 ½+½
11.	a) CH_3-CH_2-COOH and CH_3-$COOCH_3$ b) Takes place only in presence of attacking reagent 	1 ½ 1½