Goa Board of Secondary & Higher Secondary Education Alto, Betim – Goa HSSC Practical Examination CHEMISTRY

Time: 3 Hours

N. B. 1) On your answer books write your Examination Seat number and Laboratory table number. 2) Get the burette reading and confirmatory tests initialed by one of Examiners. 3) Check if the number on (i) your table (ii) answer script and (iii) containers A, B, C, D and F are the same. If not, report immediate the Examiners. 4) Use of non - programmable calculator is allowed. Atomic Masses:- H=1, C=12, N=14, O=16, S=32, K=39, Mn=55, Fe= 56. SECTION - I Q.1. You are provided with two solutions as follows:- Container A:N/M stock solution of hydrated Oxalic acid / Mohr's salt. Container B: KMnO4 Solution Using the stock solution from Container A, prepare 100 mL ofN/M hydrated Oxalic acid / Mohr's salt in the given Standard Measuring flask C. Using the solution prepared in flask C, determine N/M of the solution container B. Also calculate. • The strength of the solution in container B in terms of gramsmL. • The percentage purity of the solution in container B, g of w have been dissolved permL. Q.2. Determine the functional group of the organic compound supplied to you in Container F bearing your table number. Give a complete report of all the tests performed. SECTION - II Q.4. Analyse the inorganic salt given in container D bearing your table number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the		ion: Morning/Afternoon	Max. Marks: 25
SECTION - I Q.1. You are provided with two solutions as follows:- Container A:N/M stock solution of hydrated Oxalic acid / Mohr's salt. Container B: KMnO4 Solution Using the stock solution from Container A, prepare 100 mL ofN/M hydrated Oxalic acid /Mohr's salt in the given Standard Measuring flask C. Using the solution prepared in flask C, determine N/M of the solution container B. Also calculate. • The strength of the solution in container B in terms of gramsmL. • The percentage purity of the solution in container B, g of w have been dissolved permL. Q.2. Determine the functional group of the organic compound supplied to you in Container F bearing your table number. Give a complete report of all the tests performed. Q.3. Journal + Viva (2+2 Magnetic Compound Supplied to number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the		 On your answer books write you Laboratory table number. Get the burette reading and con Examiners. Check if the number on (i) you containers A, B, C, D and F are the Examiners. 	r Examination Seat number and your nfirmatory tests initialed by one of the ar table (ii) answer script and (iii) the the same. If not, report immediately to
Q.1. You are provided with two solutions as follows:- Container A:N/M stock solution of hydrated Oxalic acid / Mohr's salt. Container B: KMnO4 Solution Using the stock solution from Container A, prepare 100 mL ofN/M hydrated Oxalic acid / Mohr's salt in the given Standard Measuring flask C. Using the solution prepared in flask C, determine N/M of the solution container B. Also calculate. • The strength of the solution in container B in terms of gramsmL. • The percentage purity of the solution in container B,g of we have been dissolved permL. Q.2. Determine the functional group of the organic compound supplied to you in Container F bearing your table number. Give a complete report of all the tests performed. Q.3. Journal + Viva (2+2 Material) SECTION - II Q.4. Analyse the inorganic salt given in container D bearing your table number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the	Aton		
container B . Also calculate. • The strength of the solution in container B in terms of gramsmL. • The percentage purity of the solution in container B , g of w have been dissolved permL. (7 Ma) Q.2. Determine the functional group of the organic compound supplied to you in Container F bearing your table number. Give a complete report of all the tests performed. Q.3. Journal + Viva SECTION - II Q.4. Analyse the inorganic salt given in container D bearing your table number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the	Q.1.	You are provided with two solution Container A:N/M stock Mohr's salt. Container B: KMnO ₄ Solution Using the stock solution from Cont N/M hydrated Oxalic acid /	rion – I s as follows:- s solution of hydrated Oxalic acid / ainer A, prepare 100 mL of
you in Container F bearing your table number. Give a complete report of all the tests performed. (2 Material (2		container B. Also calculate. • The strength of the solution inmL. • The percentage purity of the solution	container B in terms of grams per
SECTION – II Q.4. Analyse the inorganic salt given in container D bearing your table number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the	Q.2.	you in Container F bearing your ta	
Q.4. Analyse the inorganic salt given in container D bearing your table number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the	Q.3.	Journal + Viva	(2+2 Marks)
number qualitatively and detect the cation and anion present. Give a complete report of all the tests performed. Write the formula of the		SEC	TION – II
number qualitatively and detect the cation and anion present. Give a			

Date: