B. Sc. I YEAR (Bio)

Practical exam (2020-2021)

Subject – Chemistry

M.M.-50

Object.1	Identification of two acid and two basic radical in the given Inorganic mixture	12
Object.2	Identification of functional group in the given organic compound	08
Object.3	To determine the density and viscosity for the given solution Or To determine the density and surface tension for the given solution	14
Object.4	Viva	10
Object.5	Sessional	06

Students	End of Roll No.	Object-1	Object-2	Object-3			
Bio	1,2	Cu^{2+}, SO_4^{2-} NH_4^+, NO_3^-	Nitro-Compound	Weight of empty Pycnometer	13.5g	Time for Water to Flow	Time for Liquid to Flow
				Weight of Pycnometer With water	28.2g	2min 4sec	2min 9sec
				Weight of Pycnometer With Liquid	29.8g	2min 5sec	2min 8sec
						2min 5sec	2min 8sec
	3,4	NH_4^+,SO_4^{2-} Ba^{2+}, Cl^-	Amide	Weight of empty Pycnometer	18.3g	No. of water Drops	No. of liquid Drops
				Weight of Pycnometer With water	33.6g	68	85
				Weight of Pycnometer With Liquid	35.3g	67	83
						67	83
	5,6	Pb^{2+},SO_4^{2-} NH_4^+, Cl^-	Hydrocarbon	Weight of empty Pycnometer	17.2g	Time for Water to Flow	Time for Liquid to Flow
				Weight of Pycnometer With water	32.8g	3min 12sec	3min 6sec
				Weight of Pycnometer With Liquid	36.3g	3min 10sec	3min 2sec
						3min 10sec	3min 2sec
	7,8	NH_4^+,CO_3^{2-} Ba^{2+}, Cl^-	Carbohydrate	Weight of empty Pycnometer	19.5g	No. of water Drops	No. of liquid Drops
				Weight of Pycnometer With water	31.3g	22	36
				Weight of Pycnometer With Liquid	32.5g	21	33
						21	33
	9,0	Fe^{3+}, SO_4^{2-} Ca^{2+}, Cl^-	Carboxylic	Weight of empty Pycnometer	11.8g	Time for Water to Flow	Time for Liquid to Flow
				Weight of Pycnometer With water	25.3g	2min 35sec	2min 21sec
				Weight of Pycnometer With Liquid	26.6g	2min 32sec	2min 21sec
						2min 32sec	2min 21sec