

M. Sc. (CHEMISTRY) EXAMINATION, 2018
CHEMISTRY (PRACTICAL)
ANALYTICAL CHEMISTRY SPECIAL

PAPER – L – V-A

TIME: Six hours

From: 11.00 A.M – 5.00 P.M

Full Marks: 50

1. Estimate the amount of Copper in HT Brass in Sample A. 15
2. Prepare potassium trisoxalato chromiate(III) following given procedure and report the percentage (%) yield in terms of Chromium content. 15
3. Internal Assessment. 10
4. Viva – voca & Lab Note Book. 10

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1. Estimate the amount of Ascorbic Acid in the given Sample B. 15
2. Determine the composition of a Fe(II) complex with 1,10-phenanthroline by Job's method. 15
3. Internal Assessment. 10
4. Viva – voca & Lab Note Book. 10