

Part-III General Practical Examination 2021

Subject-Chemistry

Paper-VI

Time- Four Hours

Full Marks-40

Section A -20 Marks

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| 1. Find the equivalent weight of $\text{Al}_2(\text{SO}_4)_3$   | 2   |
| 2. Differentiate between iodometric and iodimetric titration.   | 2   |
| 3. How do you prepare 200 ml 1.125(N/10) oxalic acid solution   | 3.5 |
| 4. How do you prepare 500 ml 1.125(N/10) $\text{K}_2\text{Cr}_2\text{O}_7$ solution.  | 3.5 |
| 5. Write the working principle for the estimation of $\text{Fe}^{2+}$ in gm/lit of Mohr salt in dichromatometric titration. | 3.5 |
| 6. Write the working principle for the estimation of $\text{Cu}^{2+}$ in gm/lit of $\text{CuSO}_4$                          | 3.5 |
| 7. Describe the role of ammonium thiocyanate for estimation of $\text{Cu}^{2+}$ ion in iodometric titration.                | 2   |

Section B -20 Marks

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|---|---------|
| 8. How do you prepare black phenyl in laboratory.             | 14      |
| 9. Describe the role of $\text{KMnO}_4$ and Phenol in Phenyl. | 2 +2 =4 |
| 10. What is the composition of phenyl.                        | 2       |

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