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Lab Midterm Examination

Course Code: 0531-1104
Time: 1 hour and 10 minutes

Course Title: Physical, Inorganic and Analytical Chemistry practical

Total Marks: 25

1. **Short Questions:**

(a) Discuss the principle of flame test to identify metal cations in a given salt. Marks: 2.5

(b) Write down the necessary steps for the identification of silver ion (Ag+) in a given salt. Marks: 2.5

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2. **Experiment:**

Perform a comprehensive flame test and confirmatory reactions experiment to identify cations in the given inorganic salts. Marks: 15.0

3. **Viva** . Marks: 5.0