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PRESIDENCY UNIVERSITY

BENGALURU

SCHOOL OF ENGINEERING

SUMMER TERM END TERM EXAMINATION - AUGUST 2024

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| **Semester: SUMMER TERM 2023-24** | **Date: 05-08-2024** |
| **Course Code: CHE151** | **Time: 9:30 AM – 12:30 PM** |
| **Course Name: ENGINEERING CHEMISTRY LAB** | **Max Marks: 100** |
| **Program : B. Tech** | **Weightage: 50 %** |

**Instructions:**

1. *Read question carefully and answer accordingly.*
2. *Answer all parts of the question paper.*
3. *Be precise and show all calculations where required.*
4. *Maintain proper laboratory safety practices throughout the examination.*
5. *Use proper units and significant figures in your answers.*
6. *Ensure your work is neat and organized for clarity.*
7. *Scientific and non-programmable calculator are permitted.*
8. *Do not write any information on the question paper other than Roll Number.*

**ANSWER ALL QUESTIONS 2 × 50 Marks**

1. **Estimation of Iron (II) in Mohr’s salt using standard potassium permanganate solution (0.02 N)**.

Performance (**15 M**), Brief Procedure (**10 M**), Chemicals (**3 M**), Tabular column (**2 M**), Calculation and Result (**10 M**), Viva Voce (**10 M**).

1. **Estimation of strength of acid mixture by Conductometric titration**

Performance (**15 M**), Brief Procedure (**10 M**), Chemicals (**3 M**), Tabular column (**2 M**), Calculation and Result (**10 M**), Viva Voce (**10 M**).