

**ARKA JAIN University, Jharkhand**

1st Semester 1st Internal Examination – 2023-2024

**Subject: Pharmaceutical Analysis-1 (Practical)**

**Course: B. Pharm** **Full Marks: 40**

**Time: 4hr**

* **All Questions are compulsory**.

**GROUP A**

1. **Synopsis** $\left(10\right)$

Explain in detail about neutralization curves.

1. **Experiment**$ (25)$

Limit Test of Chloride

1. **Viva voce** $ (05)$

**GROUP B**

1. **Synopsis** $\left(10\right)$

Write about the theories involved in acid-base titration.

1. **Experiment**$ (25)$

Limit Test of Sulphate

1. **Viva voce** $ (05)$

 **GROUP C**

1. **Synopsis** $\left(10\right)$

Give a note on theory of indicators.

1. **Experiment**$ (25)$

Limit Test of Iron

1. **Viva voce** $ (05)$

**GROUP D**

1. **Synopsis** $\left(10\right)$

Give a brief note on solvents used in non-aqueous titration.

1. **Experiment**$ (25)$

Limit Test of Arsenic

1. **Viva voce** $ (05)$