

**ARKA JAIN University, Jharkhand**

1st Semester 2nd Internal Examination – 2023-2024

**Subject: Human Anatomy & Physiology-I- (Practical)**

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

**Time: 4hr**

* **All Questions are compulsory**.

**GROUP-A**

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

Briefly explain about Haemoglobin metabolism.

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

Determination of blood group (Principle, Procedure & Report).

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

**GROUP-B**

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

Explain about Blood coagulation.

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

Determination of blood group (Principle, Procedure & Report).

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

**GROUP-C**

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

Briefly explain about hemocytometry.

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

Estimation of hemoglobin content. (Principle, Procedure, Calculation & Report)

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

**GROUP-D**

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

Briefly explain about Erythropoiesis.

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

Estimation of hemoglobin content. (Principle, Procedure, Calculation & Report)

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