



# **ARKA JAIN University, Jharkhand**

**1st Semester 1st Internal Examination – 2023-2024**

**Subject: Remedial Biology**

**Course: B. Pharm**

**Time: 1 Hour**

**Full Marks: 30**

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**All the questions are compulsory**

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## **I. Long Answers (Answer 1 out of 2) = 1 x 10 = 10**

1. Write a note on the life cycle of Virus.
2. Draw a neat labeled diagram of nephron and explain the steps involved during urine formation.

## **II. Short Answers (Answer 4 out of 6) = 4 x 5 = 20**

1. Define Binomial nomenclature and Write the rules of Binomial nomenclature.
2. Differentiate between dicot stem and monocot stem.
3. Write the functions of Liver.
4. Describe briefly about the components of blood with neat labeled diagram.
5. Briefly explain the process of gaseous exchange during respiration.
6. Write down the morphological characteristics of leaf and explain its modifications with neat labeled diagram.