

# School of Basic and Applied Sciences

Forensic Science  
ETE - Jun 2024

Time : 3 Hours

Marks : 100

## Sem II - C2UD220B - Advanced Biology

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Interpret antigens and immunogens with comparison. K1 CO1 (5)
2. Compare inversion and substitution mutation. K2 CO2 (5)
3. Demonstrate lectin immunoglobulins with forensic significance. K1 CO2 (5)
  
4. Interpret the meristematic tissue with their position. K2 CO1 (10)
5. Distinguish telomere and secondary constriction. K3 CO3 (10)
6. Evaluate the chromatin with detail. K4 CO4 (10)
- 7) Write a note on simple permanent tissue types and subtypes. K3 CO5 (10)

**OR**

- Give a detailed description of leaf. K3 CO5 (10)
8. What is the Blotting technique and how can it be utilized for criminal identification. K3 CO2 (15)
  9. Explain Angiosperms elaborately with classification and forensic importance. K4 CO3 (15)
  - 10) Explain the recent techniques of microbial culture. K4 CO5 (15)

**OR**

- Demonstrate the development of different vaccines using recombinant DNA technology. K4 CO6 (15)