

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

School of Medical and Allied Sciences

Bachelor of Pharmacy

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 30

Sem VI - BPHT6005 - Pharmaceutical BiotechnologyGeneral Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Name the different types of enzymes immobilization techniques. K1 (2)
 - 2) Explain the word " Co-enzyme". K2 (2)
 - 3) Illustrate the procedure of media preparation. K2 (2)
 - 4) What do you understand by the term enzyme biotechnology? K1 (2)
 - 5) Organize the structural consideration of DNA. K2 (2)
 - 6) Identify & explain the process of surface immobilization by covalent coupling. K3 (5)

 - 7) Contrast a detailed note on "complexation and chelation". K4 (5)
- OR**
- Discuss the importance of PCR (Polymerase Chain Reaction) in molecular biology and genetics. K4 (5)

 - 8) Determine the classes of enzyme with examples. K5 (10)
- OR**
- Determine the methods of enzyme production. K5 (10)