

School of Medical and Allied Sciences

Bachelor of Pharmacy
Semester End Examination - Aug 2024

Duration : 180 Minutes
Max Marks : 75

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) | Illustrate about "Toxoids". | K2(2) |
| 2) | Explain whole human blood. | K2(2) |
| 3) | List the various applications of biosensors in pharmaceutical industries.? | K1(2) |
| 4) | Explain the synthesis of RNA. | K2(2) |
| 5) | List the applications of genetic engineering. | K1(2) |
| 6) | Discuss the role of Exonuclease & Endonuclease. | K2(2) |
| 7) | Define the term "RNA". | K1(2) |
| 8) | Classify immunity. | K2(2) |
| 9) | Illustrate the term "Mutation". | K1(2) |
| 10) | Define enzyme immobilization? | K1(2) |
| 11) | Build a note on "Immuno blotting techniques". | K3(5) |
| OR | | |
| | Organize a structural overview of the DNA replication. | K3(5) |
| 12) | Build a detailed note on protein engineering. | K3(5) |
| 13) | Contrast a detailed note on "complexation and chelation". | K4(5) |
| 14) | Develop a note on " Major classes of RNA". | K3(5) |
| 15) | Analyze the uses of biotechnological products in agriculture & Dairy. | K4(5) |
| 16) | Contrast a note on blood and blood products. | K4(5) |
| OR | | |
| | Contrast the general method of preparation of anti-toxins and blood products. | K4(5) |
| 17) | Simplify the applications of biotechnological products in Vaccine and medicine development. | K4(5) |
| 18) | Estimate various applications of biotechnology in different areas. | K6(10) |

19) Explain the various applications of enzyme immobilization.

K5(10)

OR

Explain RNA as a genetic material.

K5(10)