SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES
Sathy Main Road, SNS Kalvi Nagar,
Saravanampatti Post, Coimbatore - 641 035,
Tamil Nadu.

DATE: 27/06/2025 **DURATION - 1 HR**

III - B PHARMACY - VI SEMESTER

I SESSIONAL THEORY EXAMINATION

PHARMACEUTICAL BIOTECHNOLOGY- 562066

Total Marks: 30

Section A: Elaborate on: Answer any ONE Question **1x10 = 10**

1. Explain the production of Monoclonal antibodies with their applications. (October 2022, GPAT 2021, NIPER 2022, MRB)
2. Define vaccine. Explain the general method of preparation of a viral vaccine with an example. (May 2022, GPAT2020, NIPER, Drug Inspector, MRB 2019)

Section B: Write notes on: Answer any TWO Question **2x5 = 10**

1. Production of Insulin. (March 2023&GPAT2022, NIPER)
2. Collection of Whole human blood. (March 2023&MRB2022 (TN Health Dept), ESIC)
3. Define immunity. Differentiate between active and passive immunity (August 2023&GPAT2023, NIPER)

Section C: Write notes on: Answer ALL Questions **5x2 = 10**

1. Active immunity. (March 2023&NIPER, MRB2022)
2. Name the organism for the production of: 1) Smallpox vaccine, 2) BCG vaccine. (October 2024&GPAT2021, Drug Inspector2022)
3. Draw the immunoglobulin structure and label the parts. (December 2023&GPAT2020, NIPER)
4. Storage of Whole human blood. (August 2023&MRB2021, TNPSC)
5. Give two examples of viral vaccines. (September 2021)

_____ ALL THE BEST _____

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