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School of Biomedical Science
Bachelor of Science in Medical Biotechnology
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem V -C2UH503T - Immunotechnology

General 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) Give four example of adjuvants. K1 (2)
- 2) Define immunosuppressive therapy and immunomodulators. K2 (4)
- 3) Discuss the mechanism of B cell maturation and activation. K2 (6)
- 4) Differentiate between tumor-associated antigen and tumor-specific antigen. K3 (9)
- 5) Elaborate on the comparative assessment of plant-based and non-plant-based vaccines. K3 (9)
- 6) Elaborate the mechanism of Severe Combined Immunodeficiency (SCID) K5 (10)
- 7) Identify the role of affinity and avidity in antigen-antibody interaction. K4 (12)
- 8) Assess the role of immunologic mechanisms in bacterial infections. K5 (15)
- 9) Elaborate the mechanism of bacterial infection and its evasion. K5 (15)
- 10) Describe the immune response to tumors. K6 (18)