

School of Biomedical Science

Department of Biomedical Science
Mid Term Examination

Exam Date: 29 Sep 2023

Time : 90 Minutes

Marks : 50

Sem V -C2UH503T - Immunotechnology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Define active and passive immunization. K2 (2)
- 2) Define opsonization. K1 (3)
- 3) Explain the key characteristics of neutrophils. K2 (4)
- 4) Illustrate the primary and secondary immune response. K2 (8)
- 5) Explain the characteristics of antigen-antibody interaction. K3 (6)
- 6) Summarize the structure and function of major histocompatibility complex I and II. K3 (9)
- 7) Identify the innate immunity barriers as first line of defense. K4 (8)
- 8) Categorize primary and secondary lymphoid organs and explain their structure in details. K4 (12)

OR

Describe role of basophils, eosinophils and neutrophils in hypersensitivity. K4 (12)