

School of Biological and Life sciences

Department of Biological and Life Sciences

Mid Term Examination

Exam Date: 26 Sep 2023

Time : 90 Minutes

Marks : 50

Sem V - C2UC501B - Concepts of Immunology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) Elaborate the process of immune evasion by pathogens. K2 (2)
- 2) Relate and contrast the role of natural killer (NK) cells in the immune system. K1 (3)
- 3) Explain, how do pattern recognition receptors contribute to innate immunity? K2 (4)
- 4) Express and contrast the the role of T cells in the immune response? K2 (6)
- 5) Inspect the differentiation between active and passive transport of antibodies across the placenta. K3 (6)
- 6) Examine the process of mucosal immunity. K3 (9)
- 7) Contrast the role of Th1 and Th2 cells in immune responses. K4 (8)
- 8) Describe the process of antibody opsonization. K4 (12)

OR

Summarize the immunological memory and its role in vaccination. K4 (12)