

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

School of Biological and Life sciences

Master of Science in Zoology
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem I - P1PT101T - ImmunologyGeneral 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) Explain the concept of MHC-TCR interaction K2 (2)
- 2) Recall the different types of immunity? K1 (3)
- 3) List some secondary lymphoid organs and explain their functions. K2 (4)
- 4) Summarize the concept of passive immunity, and how does it differ from active immunity? K2 (6)
- 5) Interpret the concept graft rejection, and how does it occur? K3 (6)
- 6) Demonstrate the role of different organs and cells Involved in the Immune System: K3 (9)
- 7) Analyze the concept of selective theory and clonal selection theory of antibody formation K4 (8)
- 8) Infer the early theories and hypotheses about how antibodies are formed. K4 (12)

OR

Explain how T cell receptors and B cell receptors recognize antigens. K4 (12)