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Sl. No.

76511

M.Sc. II Semester Degree Examination, September/October - 2022 **21BTH2C5L : IMMUNOLOGY AND IMMUNODIAGNOSTICS**

Time : 3 Hours Maximum Marks :			
Ins	truct	 Answer any five of the following questions with Question No. 1 is competition question carries equal marks. (2) Draw neat diagrams wherever necessary. 	pulsory,
1.	(a)	Explain types of immunity.	7
	(b)	Explain structure and function of primary lymphoid organs.	7
2.	(a)	Explain the theory of antibody formation.	7
	(b)	Write a note on T-Cell maturation.	7
3.	(a)	Describe the structure of MHC class II molecule.	7
	(b)	Discuss on various antigen processing pathways.	7
4.	(a)	Give a detailed explanation on Type-I hypersensitive reactions.	7
	(b)	Write a note on tumor Immunology.	7
5.	(a)	Explain production of monoclonal antibodies.	7
	(b)	Describe radial immune assay.	7
6.	(a)	Explain organization of Ig genes.	7
	(b)	Discuss about ADCC.	7
7.	(a)	Write Mechanism and role of CD4+ T cells.	7
	(b)	Explain western blotting technique.	7
8.	(a)	Write classical pathway of Complement system.	5
	(b) (c)	Write a note on Apoptosis. Briefly explain NK cells.	5 4
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