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SECTION - B (35 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Organize the mechanism involved in regulation of hematopoiesis.	K3	CO1
		(OR)		
	11.b.	Identify the importance and clinical uses of stem cells.		
2	12.a.	Develop an essay on types, Chemical and biological characteristics of Antigens.	K3	CO2
		(OR)		
	12.b.	Construct the method of Antigen processing and presentation.		
3	13.a.	Simplify Precipitation and agglutination.	K4	CO3
		(OR)		
	13.b.	Analyze the principle involved in Enzyme linked immune sorbent assay with its types.		
4	14.a.	Examine the immune reactions involved in Type II hypersensitivity reaction.	K4	CO4
		(OR)		
	14.b.	Dissect the process of active and passive immunization.		
5	15.a.	Interpret the mechanism of autoimmune diseases in humans.	K5	CO4
		(OR)		
	15.b.	Appraise the immune response involved in graft rejection.		

SECTION -C (30 Marks)Answer **ANY THREE** questions**ALL** questions carry **EQUAL** Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Discover the development and differentiation of T cells.	K4	CO1
2	17	Categorize the different types of Immunoglobulin.	K4	CO2
3	18	Inspect the structure, function and properties of cytokines.	K4	CO3
4	19	Interpret the primary immunodeficiency diseases with examples.	K5	CO4
5	20	Evaluate the structure of HIV, mechanism involved in depletion of CD4 cells by HIV.	K5	CO4

Z-Z-Z END