AJ-126

April-2022

B.Sc., Sem.-VI

CC-309: Biochemistry (Immunology)

Time: 2 Hours]

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[Max. Marks: 50

P.T.O.

SECTION-I

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Wri	te any	3:	4	
1.	(a)	Explain: B-lymphocyte and mast cell.		
	(b)	Short note on Endotoxins.		
2.	(a)	Briefly discuss "Portal of Entry".		
	(b)	Short note on Exotoxins.		
3.	(a)	Explain: Immunoglobulin (General structure).		•
	(b)	Discuss: Primary and secondary Immune Response.		•
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4.	(a)	Short note on "Types of Antigens".		
	(b)	Explain briefly - "Phagocytosis"		
5.	(a)	Discuss: Hybridoma Technique.		
	(b)	Explain: "Sandwich Elisa" in detail.		
6.	(a)	Explain: Giving one example of - Aggutination.		
	(b)	Explain: Direct and Indirect Elisa.		
7.	(a)	Short note on Type-1 Hypersensitivity.		
	(b)	Explain: Natural Live, Attenuated Vaccines.		

8. (a) Short note on "Graft Rejection". (b) Explain with example - "Vaccination". SECTION - II 9. Write any eight: Define - Antibody. Define: Invasiveness. (2)Give function (effect) of Hyaluronidase. (3)Give Effectiveness of Coagulase. (4)Name antimicrobial factors present in tears. (5) Name antimicrobial factors present in stomach. (6)Give name of scientist who discovered Interferon. (7)(8) Explain term (Immunologically) - Avidity. Name two components involved in oxygen dependent killing in Phagocytosis. (9)Define: Precipitin. (10)Define: CMI (Explain term). (12) Full form of: RIA, Elisa. (13) Define: mAb. (14) Define - Vaccine. (15) Define - Allergy. (16) Full form: MHC, TCR.