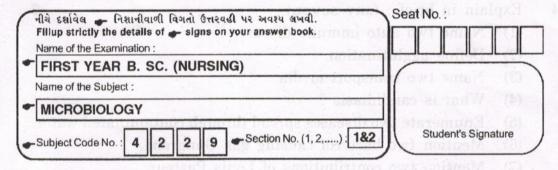


E-4229

First Year B. Sc. (Nursing) Examination July - 2016 Microbiology

Time: 3 Hours] [Total Marks: 75

Instruction:



SECTION - I

1 Give short answer: (any eight)

8

- (1) Father of Microbiology.
- (2) Define Opportunistic infection.
- (3) Name two gram positive bacteria.
- (4) Catalase test.
- (5) Name two intestinal parasite.
- (6) Define antigen.
- (7) Name two live vaccine.
- (8) Active immunity.
- (9) Name two infection transmitted by mosquito.
- (10) Mention any two bacteria causing food poisoning.
- 2 Short notes: (any four)

20

- (1) Describe staining methods
- (2) Ecoli
- (3) ELISA
- (4) Type I hypersensitivity.
- (5) Flagella
- (6) Biomedical waste management.

3	Explain in detail : (any one)		10
	(1)	Define Hospital acquired infection. Discuss in detail about role of nurse in Hospital infection control programme.	
	(2)	Describe the mode of transmission, prevention and	
		laboratory diagnosis of Human Immuno Deficiency virus.	
		SECTION - II	
4	Exp	plain in brief : (any seven)	7
	(1)	Name two auto immune disease.	17
	(2)	Define agglutination	
	(3)	Name two transport media	
	(4)	What is candidiasis ?	
	(5)	Enumerate two diseases spread through contaminated water	r.
	(6)	Mention two bacteria causing gas Gangrene.	8-
	(7)	Mention two contributions of Louis Pasteur.	
	(8)	Name two gases used as disinfectant.	
	(9)	Name two diseases caused by Staphylococci.	
	(-)	(hve short answers; (any embt)	
5	Sho	ort answers : (any four)	20
	(1)	Factors affecting bacterial growth.	
	(2)	Chain of infection.	
	(3)	H1 N1 virus.	
	(4)	Widal test.	
	(5)	BCG Vaccine.	
	(6)	Anaphylaxis.	
		(8) Active immunity	
6	Lon		10
	(1)	Define Immunity and describe in detail the types of	
		immunity.	
	(2)	Define Sterilisation. List the methods of Sterilisation.	
		Write in detail about moist heat sterilization.	