PARUL UNIVERSITY

FACULTY OF NURSING

B.Sc. Nursing (Basic), January 2020 Examination

Subject Code: 09101105Time: 1		4/01/2020 10:00 am to 01:00pm 1arks: 75	
	uctions:		
$(1) A^{-1}$	nswer to the point.		
(2) Fi	gure to the right indicates full marks.		
(3) W	rite legibly.		
(4) D	raw diagrams wherever necessary.		
(5) U	se separate answer books for each section.		
	SECTION A (37 MARKS)		
Q-1	Long Essays (Any one out of two) (1 x 10)	10	
1	Define sterilization and disinfection. Explain moist heat with autoclave in detail.		
2	Define Agglutination and Precipitation. Explain lattice hypothesis, precipitation curve and different precipitation reaction in detail.		
Q-2	Short Essays (Any three out of six) (3 x 5)	15	
τ 1	Enumerate any 10 difference between prokaryote and Eukaryote.		
2	Enumerate any 10 difference between cell wall of Gram positive and Gram negative bacteria.		
3	Classify bacteria according to their Morphology.		
4	Describe commonly used culture techniques.		
5	What is HICC? Mention important members and function of HICC		
6	Explain bacterial growth curve		
Q-3	Short Answers (6 x 2)	12	
1	Give 2 examples of Gram positive and Gram Negative bacteria each.		
2	Robert Koch		
3	Chain of infection		
4	What is Hanging Drop Preparation? Write its application.		
5	What is the difference between LF and NLF on MacConkey agar? Write down		
	the example of LF and NLF bacteria.		
6	Louis Pasteur		
	SECTION B (38 MARKS)		
Q-1	Long Essays (Any one out of two) (1x 10)	10	
1	What is HAI? Criteria of HAI, Mention the important sites of HAI & routes of transmission of		
	HAI and steps for prevention of Common HAI.		
2	Explain Laboratory diagnosis of Hepatitis B in detail.		
Q-2	Short Essays (Any four out of seven) (4 x 5)	20	
1	What is BMW? Describe the segregation (according to color code) of BMW.		
2	Write down the role of nurse in Hospital Infection Control Programme.		
3	Enumerate steps to diagnose the Infection.		
4	Typhoid fever and its lab diagnosis		
5	What is UTI? Types of UTI and steps of prevention for UTI.		
6	Define immunity. Classification of immunity		
7	ELISA test and its type.		
Q-3	Short Answers (4 x 2)	8	
1	Give two examples of Acid fast bacilli		

- Enlist the bacteria causing Diarrhoea. Enlist the diseases caused by Staphylococcus aureus Describe the procedure of Gram Staining. 2 3
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