

NAME OF FACULTY: Mr. Bipul Kumar Mahto

DISCIPLINE : DMLT

SEMESTER : 2nd

SUBJECT : Bacteriology.

WEEK	LECTURE DAY	THEORY	PRACTICAL DAY	PRACTICAL
		TOPIC		TOPIC
1 st	1 st	Bacteriology General characteristics of bacteria - morphology, staining	1 st	Collection, transportation and processing including culture of Urine Sample
	2 nd	General characteristics of bacteria - culture, biochemical		
	3rd	Characteristics of Staphylococi		
2 nd	4 th	Distribution of Staphylococi	2 nd	Collection, transportation and processing including culture of Stool Sample
	5 th	Characteristics of Streptococci		
	6 th	Distribution of Streptococci		
3 rd	7th	Characteristics of pneumococci	3 rd	Collection, transportation and processing including culture of Sputum Sample
	8th	Distribution of pneumococci		
	9th	Characteristics of Enterobacteriaceae - (E coli)		
4th	10th	Distribution of Enterobacteriaceae - (E coli)	4 th	Collection, transportation and processing including culture of Throat swabs Sample
	11th	Characteristics of Enterobacteriaceae - (Salmonella)		

	12th	Distribution of Enterobacteriaceae - (Salmonella)		
5th	13th	Characteristics of Enterobacteriaceae - (Shigella)	5 th	Collection, transportation and processing including culture of Pus and Pus swab Sample
	14th	Distribution of Enterobacteriaceae - (Shigella)		
	15th	Characteristics of Pseudomonas		
6th	16th	Distribution of Pseudomonas	6 th	Collection, transportation and processing including culture of Pus and Pus swab Sample
	17th	Characteristics of Proteus		
	18th	Distribution of Proteus		
7th	19th	Characteristics of Vibrio Cholerae	7 th	Collection, transportation and processing including culture of Blood Sample
	20th	Distribution of Vibrio Cholerae		
	21st	Characteristics of Neisseria		
8th	22nd	Distribution of Neisseria	8 th	Collection, transportation and processing including culture of Skin Sample
	23rd	Characteristics of Treponema Pallidum		
	24th	Distribution of Treponema Pallidum		
9th	25th	Characteristics of Mycobacterium tuberculosis	9 th	Collection, transportation and processing including culture of Eye and Ear swab Sample
	26th	Distribution of Mycobacterium tuberculosis		
	27th	Bacterial pathogenicity Introduction of pathogenicity & infection		
10 th	28th	Sources of infection	10 th	Collection, transportation and processing including culture of Eye and Ear swab Sample
	29th	Mode of spread of infection		
	30th	Mode of spread of infection		
11 th	31st	Types of infection	11 th	Collection, transportation and processing including culture of CSF Sample
	32nd	Types of infection		
	33rd	CLASS TEST		

12 th	34th	Nosocomial Infection Introduction	12 th	Collection, transportation and processing including culture of CSF Sample
	35th	Common types of nosocomial infection		
	36th	Common source of nosocomial infection		
13 th	37th	Control of nosocomial infections	13 th	Identification of known bacterial cultures of common pathogens
	38th	Laboratory diagnosis of infectious diseases Respiratory tract infections (Throat Swab and Sputum sample)		
	39th	Respiratory tract infections (Throat Swab and Sputum sample)		
14 th	40th	Wound infections	14 th	Identification of known bacterial cultures of common pathogens
	41st	Urinary tract infections		
	42nd	Enteric fever		
15 th	43rd	Intestinal infection	15 th	Identification of known bacterial cultures of common pathogens
	44th	Discussion of Important Questions		
	45th	CLASS TEST		

