

MYMENSINGH POLYTECHNIC INSTITUTE
ELECTROMEDICAL TECHNOLOGY
Out Line Plan of Teaching 3rd Sem Student

SEMESTER PLAN PRESENTATION
Subject: Clinical Chemistry (68631)

T P C
3 3 4

Week	Theory		Practical		
	Content (Specific Objective)	Activity		Content (Practical Job no)	Activity
		Class Test	Learning Materials		
1	Understand the features of organic compounds. (1.1-1.5)		Ref. books, white board, marker, flow chart	Introducing to different equipment which is required to perform practical experiment.	
2	Understand the features of organic compounds.(1.6-1.8)			Job no:- 1 Study the lipid profile.	
3	. Understand the chemistry of carbohydrates(2.1-2.6)			Job no:-2 Study the Enzyme profile	
4	Understand the chemistry of lipids.(3.1-.3.5)	CT-1		Review Job no:-1	
5	Understand the chemistry of protein and amino acids.(4.1-.4.5)			Job no:-3 Study blood urea and serum Creating.	
6	Understand the chemistry of protein and amino acids.(4.6-4.7)	QT-1		Job no:4 Study the blood grouping.	
7	Understand nucleic acids and nucleotides.(5.1-5.5)			Review Job no:-3	
8	Understand the clinical enzymology.(6.1-.6.7)			Review Job no:-4	
9	MIDTERM EXAMINATION				
10	Understand the immune chemistry.(7.1-7.4)			Job no:-5(Study the operation of pH meter.	
11	Understand the immune chemistry.(7.5-7.8)			Review Job no:-5	
12	Understand the principles of measurement(8.1-8.8)	QT-2		Review Job no:-2	
13	Understand the Biochemical Analysis systems(9.1-.9.4)			Job no-6 (Study the blood sugar.)	
14	Understand the instruments used in the clinical lab.(10.1-10.5)				
15	Understand the instruments used in the clinical lab.(10.6-10.10)	CT-2			
16	Understand the Genetic and biotechnology(11.1-11.4)				
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