

NILAMBER PITAMBER UNIVERSITY, MEDININAGAR

Bachelor of Science in Medical Lab Technology

(A Three Years Degree Vocational Course)

Summary Chart of Syllabus

PART-1		THEORY		Marks		Exam Hours	Total Lectures
Paper Code	Paper Name	Theory	Practical				
1a	Biochemistry & Cell Biology	50		3	30		
2a	Maths & Computer	50		3	26+10		
3a	Anatomy & Physiology	50		3	35		
4a	MLT	50		3	30		
Subsidiary - 1	Botany	75		3	22+56+44		
Subsidiary - 2	Zoology	75		3	75		
Compulsory	MIL Non-Hindi & MIL English	100		3	20+20		
On the job training - I						30 Days	
PRACTICAL		Theory	Practical	Exam Hours	Total Lectures		
1b	Biochemical Techniques		25+25=50	6	50		
2b	Computers		25+25=50	6	50		
3b	MLT - I		25+25=50	6	70		
4b	MLT - II		25+25=50	6	70		
Sub.	Botany		25	6	50		
Sub.	Zoology		25	6	40		
TOTAL		450	250	57	728		
PART-2 (THEORY)							
Paper Code	Paper Name	Theory	Practical	Exam Hours	Total Lectures		
5a	Clinical Haematology & Clinical Pathology	50		3	35		
6a	Microbiology	50		3	55		
7a	Clinical Biochemistry	50		3	35		
8a	Blood Banking	50		3	25+40		
Subsidiary - 1	Botany	75		3	22+56+44		
Subsidiary - 2	Zoology	75		3	75		
Compulsory	MIL Non-Hindi & MIL English	100		3	25+25		
On the job training - II						30 Days	
PRACTICAL		Theory	Practical	Exam Hours	Total Lectures		
5b	Clinical Haematology		25+25=50	6	63		
6b	Clinical Biochemistry		25+25=50	6	63		
7b	Microbiology		25+25=50	6	38		
8b	Clinical Pathology		25+25=50	6	38		
Sub.	Botany		25	6	25		
Sub.	Zoology		25	6	40		
TOTAL		450	250	57	659		
PART-3 (THEORY)							
Paper Code	Paper Name	Theory	Practical	Exam Hours	Total Lectures		
9a	Systemic Bacteriology & Parasitology	50		3	38		
10a	Immunology & Histopathology	50		3	22		
12a	Entrepreneurship & Development	100		3	40		
Compulsory	Environmental Science & Ethics	100		3			
PRACTICAL		Theory	Practical	Exam Hours	Total Lectures		
9b	Serology & Immunology		25+25=50	6	30		
10b	Histo Pathology		25+25=50	6	30		
11	On the job training (Part-I & Part-II) Project Report (Part - III)		50+50=100	6	23		
TOTAL		300	200	30	183		