

**ww7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN MEDICAL LABORATORY TECHNOLOGY (HARYANA STATE)**

**FIRST SEMESTER (MEDICAL LABORATORY TECHNOLOGY)**

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
							Written Paper		Practical		
					Theory	Practical	Written Paper	Practical	Max. Marks	Max. Marks	
1.1	Communication Skills – I *	3	-	2	25	25	100	3	50	2	200
1.2	Chemistry	3	-	2	25	25	100	3	50	3	200
1.3	Anatomy and Physiology-I	3	-	2	25	25	100	3	50	3	200
1.4	Clinical Microbiology-I	3	-	4	25	25	100	3	50	3	200
1.5	Clinical Haematology-I	3	-	4	25	25	100	3	50	3	200
1.6	Clinical Biochemistry-I	3	-	4	25	25	100	2	50	3	200
	# Student Centered Activities including Ecology and Environmental Awareness Camp	-	-	4	-	25	-	-	-	-	25
Total		18		22							1225

\* Common with other diploma programmes

# It will comprise of co-curricular activities like games, hobby clubs including photography, seminars, declamation contests, library studies, extension lectures, field visits, NCC, NSS, cultural activities etc.

## SECOND SEMESTER (MEDICAL LABORATORY TECHNOLOGY)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
							Written Paper		Practical		
					Theory	Practical	Written Paper		Practical		
Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs						
2.1	Communication Skills –II *	3	-	2	25	25	100	3	50	2	200
2.2	Anatomy and Physiology-II	3	-	2	25	25	100	3	50	3	200
2.3	Clinical Microbiology-II	3	-	4	25	25	100	3	50	3	200
2.4	Clinical Haematology-II	3	-	4	25	25	100	3	50	3	200
2.5	Clinical Biochemistry-II	3	-	4	25	25	100	3	50	3	200
2.6	Histopathology-I	3	-	2	25	25	100	3	50	3	200
	# Student Centered Activities including Entrepreneurial Awareness Camp	-	-	4	-	25	-	-	-	-	25
Total		18	-	22							1225

\* Common with other diploma programmes

# It will comprise of co-curricular activities like games, hobby clubs including photography, seminars, declamation contests, library studies, extension lectures, field visits, NCC, NSS, cultural activities etc.

### THIRD SEMESTER (MEDICAL LABORATORY TECHNOLOGY)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
							Written Paper		Practical		
					Theory	Practical	Max. Marks	Max. Marks	Max. Marks	Hrs	
3.1	Basics of Information Technology *	-	-	4	-	50	-	-	100	3	150
3.2	Clinical Microbiology-III	3	-	4	25	25	100	3	50	3	200
3.3	Clinical Haematology-III	3	-	6	25	25	100	3	50	3	200
3.4	Clinical Biochemistry-III	3	-	6	25	25	100	3	50	3	200
3.5	Histopathology-II	3	-	4	25	25	100	3	50	3	200
	**Student Centered Activities	-	-	4	-	25	-	-	-	-	25
Total		12		28							975

\* Common with other diploma programmes

#### FOURTH SEMESTER (MEDICAL LABORATORY TECHNOLOGY)

Sr. No	Subject	L P T Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theor y	Practica l	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hr s	
4.1	Clinical Microbiology-IV	3	-	4	25	25	100	3	50	3	200
4.2	Clinical Haematology-IV	3	-	4	25	25	100	3	50	3	200
4.3	Clinical Biochemistry-IV	3	-	4	25	25	100	3	50	3	200
4.4	Histopathology and Cytology	3	-	4	25	25	100	3	50	3	200
4.5	Blood Banking	3	-	2	25	25	100	3	50	3	200
4.6	Medical Lab. Management and Professional Ethics	3	-	-	50	-	100	3	-	-	150
	**Student Centered Activities	-	-	4	-	25	-	-	-	-	25
Total		18		22							1175

**FIFTH SEMESTER (MEDICAL LABORATORY TECHNOLOGY)**

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
5.1	Practical/Professional Training-I	-	-	40	-	200	-	-	400	-	600
Total		-		40							600

**SIXTH SEMESTER (MEDICAL LABORATORY TECHNOLOGY)**

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Practical/Professional Training-II	-	-	40	-	200	-	--	400	-	600
Total				40							600