

BHARATHIAR UNIVERSITY (CBCS PATTERN)**B. Sc. CLINICAL LAB TECHNOLOGY DEGREE COURSE**
SCHEME OF EXAMINATION - CBCS PATTERN**For the students admitted during the academic year 2010 – 2011 batch and onwards**

Part	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.Hrs	CIA	Marks	Total Marks	
	Semester I							
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core Paper I – Human Anatomy and Physiology		4	3	25	75	100	4
	Core Paper II - Biochemistry I - Biomolecules		4	3	25	75	100	4
	Core Biochemistry Practical – I		2	-	-	-	-	-
	Allied A : Paper I – Computer Science I		4	3	20	55	75	3
	Allied Practical I		2	-	-	-	-	-
IV	Environmental Studies #		2	3	-	50	50	2
	Semester II							
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core Paper III - Biochemistry II – Cell Biology		4	3	25	75	100	4
	Core Biochemistry Practical – I		4	3	40	60	100	4
	Allied A : Paper II - Computer Science II		4	3	20	55	75	3
	Allied Practical – I		4	3	20	30	50	2
IV	Value Education – Human Rights #		2	3	-	50	50	2
	Semester III							
III	Core Paper IV - Microbiology I- General Microbiology		5	3	25	75	100	4
	Core Paper V – Pathology I - Principles of Pathology and Clinical Pathology		4	3	25	75	100	4
	Core Paper VI - Biochemistry III - Enzymology & Intermediary Metabolism		4	3	25	75	100	4
	Core Biochemistry Practical - II		4	-	-	-	-	-
	Allied B: Paper I – Chemistry I		4	3	20	55	75	3
	Allied Practical II		4	-	-	-	-	-
IV	Skill based Subject I (Diploma) Nutrition Through Life Cycle		3	3	20	55	75	3
	Tamil @ / Advanced Tamil# (OR) Non-major elective - I (Yoga for Human Excellence)# / Women's Rights#		2	3	50	50	50	2

	Semester IV						
III	Core Paper VII – Microbiology II	4	3	25	75	100	4
	Core Paper VIII - Pathology II - Histopathology	4	3	25	75	100	4
	Core Paper IX - Biochemistry IV – Clinical Biochemistry	4	3	25	75	100	4
	Core Biochemistry Practical – II	5	6	40	60	100	4
	Allied B : Paper II – Chemistry II	4	3	20	55	75	3
	Allied Practical II	4	3	20	30	50	2
IV	Skill based Subject 2 (Diploma) Diet therapy	3	3	20	55	75	3
	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)	2	3	50		50	2
	Semester V						
III	Core Paper X Microbiology III	4	3	25	75	100	4
	Core paper XI Pathology III - Haematology	4	3	25	75	100	4
	Core Paper XII Biochemistry V – Nutrition and Cancer Biology	4	3	25	75	100	4
	Core Paper X – Blood banking and immuno haematology	3	3	25	75	100	4
	Core Practical – III Microbiology	4	-	-	-	-	-
	Core Practical – IV Pathology- Clinical Pathology	4	-	-	-	-	-
	Elective – I - Drug Biochemsitry	4	3	25	75	100	4
IV	Skill based Subject 3 (Diploma) Clinical Nutrition	3	3	20	55	75	3
	Semester VI		-				
III	Core Paper XIII Immunology & Immuno techniques	4	3	25	75	100	4
	Core paper XIV Pathology IV - Cytology	4	3	25	75	100	4
	Core practical III Microbiology	4	6	30	45	75	3
	Core practical IV Pathology	4	6	30	45	75	3
	Elective–II-Bioinstrumentation-Principles and applications	4	3	25	75	100	4
	Elective – III- Clinical laboratory & its interpretations	4	3	25	75	100	4
IV	Skill Based Subject 4 (Diploma) Practical – I & II	6	6	30	45	75	3
V	Extension Activities @	-	-	50	-	50	2
	Total					3500	140

@ No University Examinations. Only Continuous Internal Assessment (CIA)

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Note :

The syllabi for the above papers be the same as prescribed for the academic year 2008-09.