



PARUL UNIVERSITY

WAGHODIA, VADODARA

Subject Teaching & Examination Scheme

Course : M.Sc. | Curriculum : M.Sc. Microbiology

Semester - 1

						Internal Marks			Internal Passing Marks			External Marks		External Passing Marks		Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	CE	T	P	T	P	
11201101	Principles of Cell Biology	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11201103	Microbial Diversity and Systematics	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11202101	Genetics	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11202102	Lab-II (Molecular Biology and r-DNA Technology)	2	-	4	-	-	-	40	-	-	20	-	60	-	30	100
11203104	Biochemistry of Macromolecules	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11203105	Lab-I (Biochemistry and Analytical Techniques)	2	-	4	-	-	-	40	-	-	20	-	60	-	30	100
	Total	20	16	8												600

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50



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Semester - 2

						Internal Marks			Internal Passing Marks			External Marks		External Passing Marks		Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	CE	T	P	T	P	
11201151	Molecular Virology	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11201152	Biology of the Immune System	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11201153	Medical Microbiology	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
11201154	Lab-I (Microbiology and Immunology)	2	-	4	-	-	-	40	-	-	20	-	60	-	30	100
11202152	Lab-II (Molecular Biology)	2	-	4	-	-	-	40	-	-	20	-	60	-	30	100
11203153	Biochemical Pathways and Metabolism	4	4	-	-	20	-	20	10	-	10	60	-	30	-	100
	Total	20	16	8												600

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50