

SARDAR PATEL UNIVERSITY
Programme: BSC (BIOTECHNOLOGY)
Semester: VI
Syllabus with effect from: June 2013

Paper Code: US06CBIT07	Total Credit: 2
Title Of Paper: Practical (Effective from June 2013) (Revised)	

Unit	Description in detail	Weighting (%)
1	Preparation of competent cells and transformation	
2	Isolation of plasmid DNA	
3	Isolation of RNA from animal cells and plant cells.	
4	Separation of RNA by electrophoresis.	
5	PCR amplification of given DNA.	
6	RAPD analysis of plant DNA.	
7	Isolation of antibiotic resistant from soil by replica plating	

Basic Text & Reference Books: -----

