

SARDAR PATEL UNIVERSITY
Programme: BSC (GENETICS)
Semester: V
Syllabus with effect from: June 2013

Paper Code: US05CGEN07	Total Credit: 2
Title Of Paper: Practical	

	Description in detail	Weighting (%)
1	Techniques for cultivation of microorganisms.	
2	Bacterial cell culture- Media preparation & inoculation (spread plate, streak plate and pour plate method)	
3	Separation and identification of Amino Acids by Paper Chromatography.	
4	Separation and identification of Amino Acids by Thin Layer Chromatograph	
5	Gel electrophoresis- Agarose (for separation of DNA & RNA)	
6	Wax embedding	
7	Southern blotting	
8	Plaque assay.	
9	SDS-PAGE	

Basic Text & Reference Books: -----

