

SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Mathematics)
Semester: VI
Syllabus with Effect from: November/December-2013

Paper Code: US06CMTH08	Total Credit:
Title Of Paper: Mathematics Practical - IV	

	Description in detail	
1	Expo: A function to evaluate exponential function e^x using infinite series.	
2	Cosine: A function to evaluate cosine and sine functions using infinite series.	
3	A program to find primes between two numbers	
4	A program to determine whether a given number is palindrome or not	
5	A program to find gcd and lcm of given two numbers	
6	A program to find all factors of a given natural number	
7	A program to determine whether a given number is perfect or not	
8	A program to Approximate a real root of an equation using BisectionMethod	

Note:-

The practicals will be done using the softwares like SCILAB, Matlab, Mathcad 2001 student edition , MACSYMA ProLite , Eureka or any others softwares.

