



SARDAR PATEL UNIVERSITY
Programme – MSc
(Under Choice Based Credit Scheme)
Semester – I
Structure with effect from: 2017-18



Mathematics

- To Pass:
1. At least 40% Marks in the University Examination in each paper and
 2. At least 40% Marks in the individual Head of passing or 33% marks in aggregate at the internal tests conducted by the Department /PG Centres

Course Type	Course Code	Name of Course	T /P	Credit	Exam Duration in hrs	Component of Marks		
						Internal	External	Total
						Total/ Passing	Total/ Passing	Total/ Passing
Core Courses	PS01CMTH21	Complex Analysis I	T	4	3	30/10	70/28	100/40
	PS01CMTH22	Topology I	T	4	3	30/10	70/28	100/40
	PS01CMTH23	Functions of Several Real Variables	T	4	3	30/10	70/28	100/40
	PS01CMTH24	Linear Algebra	T	4	3	30/10	70/28	100/40
	PS01CMTH25	Methods of Differential Equations	T	4	3	30/10	70/28	100/40
	PS01CMTH26	Comprehensive Viva			1	3	-	50/20
Elective Courses	PS01EMTH21	Graph Theory I	T	4	3	30/10	70/28	100/40
	PS01EMTH22	Mathematical Classical Mechanics	T	4	3	30/10	70/28	100/40
	PS01EMTH23	Number Theory	T	4	3	30/10	70/28	100/40
	PS01EMTH24	C Programming and Mathematical algorithms I	T	4	3	30/10	70/28	100/40
					25		180	470