



SARDAR PATEL UNIVERSITY
Programme – MSc
(Under Choice Based Credit Scheme)
Semester – II
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	PS02CMTH21	Real Analysis I	T	4	3	30/10	70/28	100/40
	PS02CMTH22	Algebra I	T	4	3	30/10	70/28	100/40
	PS02CMTH23	Differential Geometry	T	4	3	30/10	70/28	100/40
	PS02CMTH24	Functional Analysis I	T	4	3	30/10	70/28	100/40
	PS02CMTH25	Methods of Partial Differential Equations	T	4	3	30/10	70/28	100/40
	PS02CMTH26	Comprehensive Viva		1	3	-	50/20	50/20
Elective Courses	PS02EMTH21	Graph Theory I	T	4	3	30/10	70/28	100/40
	PS02EMTH22	Mathematical Classical Mechanics	T	4	3	30/10	70/28	100/40
	PS02EMTH23	Number Theory	T	4	3	30/10	70/28	100/40
	PS02EMTH24	C Programming and Mathematical algorithms I	T	4	3	30/10	70/28	100/40
				25		180	470	650