



BHAVANS VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE

ACCREDITED WITH A GRADE BY NACC

Autonomous College (Affiliated to Osmania University)

Department of Mathematics and Statistics

B.Sc Mathematics Syllabus and Scheme of Examination

THEORY

YEAR	SEM	PAPER	CODE	TITLE OF THE PAPER	HRS / WEEK	DURATION OF SEMESTER EXAM	MARKS FOR INTERNAL ASSESMENT	MARKS FOR EXTERNAL ASSESMENT	TOTAL MARKS	CREDITS
I	I	I THEORY	MT121	DIFFERENTIAL EQUATIONS, VECTOR DIFFERENTIATION & NUMBER THEORY	4	3	30	70	100	4
	II	II THEORY	MT221	DIFFERENTIAL EQUATIONS AND GROUP THEORY	4	3	30	70	100	4
II	III	III THEORY	MT321	RINGS AND SOLID GEOMETRY	4	3	30	70	100	4
	IV	IV THEORY	MT421	SOLID GEOMETRY AND REAL ANALYSIS	4	3	30	70	100	4
III	V	V THEORY	MT521	REAL ANALYSIS & LINEAR ALGEBRA	3	3	30	70	100	3
		V A THEORY	MT521A	NUMERICAL ANALYSIS	3	3	30	70	100	3
		V B THEORY	MT521B	INTEGRAL TRANSFORM	3	3	30	70	100	3
	VI	VI THEORY	MT621	LINEAR ALGEBRA & VECTOR INTEGRATION	3	3	30	70	100	3
		VI A THEORY	MT621A	NUMERICAL ANALYSIS	3	3	30	70	100	3
		VI B THEORY	MT621B	INTEGRAL TRANSFORM	3	3	30	70	100	3
TOTAL					28	24	240	560	800	28

M. I. Z. m.

S. S. S. S.
 Chairman,
 Board of Studies in Mathematics,
 Osmania University,
 Hyderabad - 500007



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PRACTICALS

YEAR	SEM	PAPER	CODE	TITLE OF THE PAPER	HRS / WEEK	DURATION OF SEMESTER EXAM	MARKS FOR INTERNAL ASSESSMENT	MARKS FOR EXTERNAL ASSESSMENT	TOTAL MARKS	CREDITS
I	I	I PRACTICAL	MT121P	DIFFERENTIAL EQUATIONS, VECTOR DIFFERENTIATION & NUMBER THEORY	2	3	15	35	50	1
	II	II PRACTICAL	MT221P	DIFFERENTIAL EQUATIONS AND GROUP THEORY	2	3	15	35	50	1
II	III	III PRACTICAL	MT321P	RINGS AND SOLID GEOMETRY	2	3	15	35	50	1
	IV	IV PRACTICAL	MT421P	SOLID GEOMETRY AND REAL ANALYSIS	2	3	15	35	50	1
III	V	V PRACTICAL	MT521P	REAL ANALYSIS & LINEAR ALGEBRA	2	3	15	35	50	1
		V A PRACTICAL	MT521AP	NUMERICAL ANALYSIS	2	3	15	35	50	1
		V B PRACTICAL	MT521BP	INTEGRAL TRANSFORM	2	3	15	35	50	1
	VI	VI PRACTICAL	MT621P	LINEAR ALGEBRA & VECTOR INTEGRATION	2	3	15	35	50	1
		VIAPRACTICAL	MT621AP	NUMERICAL ANALYSIS	2	3	15	35	50	1
		VIBPRACTICAL	MT621BP	INTEGRAL TRANSFORM	2	3	15	35	50	1
TOTAL					16	24	120	280	400	8

M. I. Zem

S. S. S. S.

Hyderabad Mathematics