

Directorate of Distance Education
Swami Vivekanand Subharti University
Meerut

DIRECTORATE OF DISTANCE EDUCATION

Syllabus

For

Master of Arts in Mathematics

(2020-21)



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Swami Vivekanand Subharti University
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I SEMESTER

S. No.	Paper Name	Paper Code	Evaluation Scheme			Total
			Internal		ESE	
			CT	Total		
1	Algebra	M.A-M-103(A)	4	30	70	100
2	Real Analysis	M.A-M-103(B)	4	30	70	100
3	Differential Equations	M.A-M-103(C)	4	30	70	100
4	Mathematical Methods	M.A-M-103(D)	4	30	70	100
5			60			
	Viva Voice/Lab I	M.A-M-153				140
	TOTAL MARKS		16		420	600

II SEMESTER

S. No.	Paper Name	Paper Code	Evaluation Scheme			Total
			Internal		ESE	
			CT	Total		
1	Metric Spaces	M.A-M-203(A)	4	30	70	100
2	Complex Analysis	M.A-M-203(B)	4	30	70	100
3	Mathematical Statistics	M.A-M-203(C)	4	30	70	100
4	Operations Research	M.A-M-203(D)	4	30	70	100
5	Viva Voice/Lab II	M.A-M-253	60		140	200
	TOTAL MARKS		16			600

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II YEAR

III SEMESTER

S. No.	Paper Name	Paper Code	Evaluation Scheme			
			Internal		ESE	Total
			CT	Total		
1	Topology	M.A-M- 303(A)	4	30	70	100
2	Measure and Integration	M.A-M- 303(B)	4	30	70	100
3	Numerical Analysis	M.A-M-- 303(C)	4	30	70	100
4	Programming in C And Data Structure	M.A-M- 303(D1)	4	30	70	100
5	Viva Voice/Project I	M.A.M- 353	60		140	200
TOTAL MARKS			16		420	600

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IV SEMESTER

S. No.	Paper Name	Paper Code	Evaluation Scheme			Total
			Internal		ESE	
			CT	Total		
1	Functional Analysis	M.A-M- 403(A)	4	30	70	100
2	Number theory	M.A-M- 403(B)	4	30	70	100
3	Fuzzy Sets and its Application	M.A-M- 403(C)	4	30	70	100
4	Mathematical Cryptography	M.A-M- 403(D1)	4	30	70	100
5	Viva Voice/Project II	M.A-M- 453	60		140	200
TOTAL MARKS			16			600