



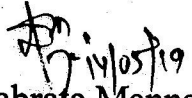
UNIVERSITY OF CALCUTTA

Notification No. CSR/ 14 /19

It is notified for information of all concerned that in terms of the provisions of Section 54 of the Calcutta University Act, 1979 (as amended) and in exercise of his powers under 9(6) of the said Act, the Vice-Chancellor by an order dated 15.03.19, has approved the revised modalities for B.A. / B.Sc. Mathematics (Honours) course of study under CBCS of this University, as laid down in the accompanying pamphlet.

The above shall take effect from Semester II Examination 2019.

SENATE HOUSE
KOLKATA-700073
The 14th May, 2019


(Debabrata Manna)
Deputy Registrar (Acting)

Modalities for CBCS Modules for Mathematics in Undergraduate Courses under University of Calcutta (Honours)								
Semester	Paper Code	Full Marks	MC Q Marks	No. of Units	Marks allotment in each unit	No. of questions to answer	Marks for each question	No. of questions to be set
Core Papers :								
1	MTM-A-CC-1-1-TH	65	20+ ***	1	15	3	5	5
				2	20	4	5	7
				3	10	2	5	3
	MTM-A-CC-1-2-TH	65	20+	1	20	4	5	7
				2	20	4	5	7
				3	05	1	5	2
2	MTM-A-CC-2-3-TH	65	20+	1	20	4	5	7
				2	20	4	5	7
				3	05	1	5	2
	MTM-A-CC-2-4-TH	65	20+	1	10	2	5	4
				2	20	4	5	7
				3	15	3	5	5
3	MTM-A-CC-3-5-TH	65	20+	1	25	5	5	8
				2	20	4	5	7
	MTM-A-CC-3-6-TH	65	20+	1	25	5	5	8
				2	20	4	5	7
	MTM-A-CC-3-7-TH	65	20+	1	30	6	5	10
				2	15	3	5	5
4	MTM-A-CC-4-8-TH	65	20+	1	15	3	5	5
				2	10	2	5	4
				3	20	4	5	7
	MTM-A-CC-4-9-TH	65	20+	1	21	3	7	5
				2	24	4	6	7
	MTM-A-CC-4-10-TH	65	20+	1	05	1	5	2
				2	05	1	5	2
				3	10	2	5	4
				4	15	2	7+8	2+2
				5	10	1	10	2
5	MTM-A-CC-5-11-TH	65	20+	1	10	2	5	3
				2	10	2	5	3
				3	05	1	5	2
				4	10	2	5	4
				5	10	2	5	4
	MTM-A-CC-5-12-TH	65	20+	1	20	4	5	7
				2	25	5	5	8
6	MTM-A-CC-6-13-TH	65	20+	1	25	5	5	8
				2	20	4	5	7
	MTM-A-CC-6-14-TH	50	10+ **	1+2	05	1	5	2
				3	10	2	5	4
				4	10	2	5	4

Semester	Paper Code	Full Marks	MC Q Marks	5	10	2	5	4	
				6	05	1	5	2	
				Units	Marks allotted in each unit	No. of questions to answer	Marks for each question	No. of questions to be set	
6	MTM-A-CC-6-14-P	30		Viva:0 5 Note Book: 05 Exam: 20	20	2	10	20 *	
Discipline Specific Papers									
5	MTM-A-DSE-A-5-1-TH								
	Advanced Algebra	65	20+	1	15	3	5	5	
				2	30	6	5	10	
	Biomathematics	65	20+	1	15	2	8+7	2+2	
				2	20	2	10	4	
				3	10	1	10	2	
	Industrial Mathematics	65	20+	1	10	2	5	4	
				2	10	2	5	4	
				3	05	1	5	2	
				4	05	1	5	2	
				5	05	1	5	2	
				6	10	2	5	4	
	MTM-A-DSE-B-5-1-TH								
	Graph Theory	65	20+	1	25	5	5	8	
				2	20	4	5	7	
	Boolean Algebra and Automata Theory	65	20+	1	05	1	5	2	
				2	10	2	5	4	
				3	10	2	5	4	
				4	10	2	5	4	
				5	05	1	5	2	
				6	05	1	5	2	
	Linear Programming and Game Theory	65	20+	1	10	2	5	4	
				2	10	1	10	2	
3				10	1	10	2		
4				15	3	05	6		
6	MTM-A-DSE-A-6-2-TH								
	Differential Geometry	65	20+	1	05	1	5	2	
				2	20	4	5	7	
				3	20	4	5	7	
	Mathematical Modelling	65	20+	1	20	2	10	4	
				2	25	5	5	8	
	Fluid Statics &	65	20+	1	05	1	5	4	

	Elementary Fluid Dynamics			2	20	2	10	2	
				3	10	1	10	2	
				4	10	2	05	6	
	MTM-A-DSE-B-6-2-TH								
	Pont Set Topology	65	20+		1	20	4	5	7
					2	10	2	5	4
					3	15	3	5	5
	Astronomy & Space Science	65	20+		1	05	1	5	2
					2	05	1	5	2
					3	10	2	5	4
					4	05	1	5	2
					5	10	2	5	4
6					10	2	5	4	
Advanced Mechanics	65	20+		1	10	2	5	4	
				2	15	3	5	5	
				3	10	2	5	4	
				4	10	2	5	4	
Skill Enhancement Papers									
3	MTM-A-SEC-A-TH								
	C-Programming Language	80	20+		10	1	10	2	
					10	1	10	2	
					10	1	10	2	
					10	1	10	2	
					10	1	10	2	
					10	1	10	2	
	Object Oriented Programming in C++	80	20+		20	4	05	7	
					20	4	05	7	
					20	4	05	7	
20					4	05	7		
4	MTM-A-SEC-B-TH								
	Mathematical Logic	80	20+		10	2	5	4	
					25	5	5	8	
					25	5	5	8	
	Scientific Computing with Sagemath / R	80	20+		10	1	10	2	
					10	1	10	2	
					10	1	10	2	
					10	1	10	2	
					10	1	10	2	
	<p>***10 Questions , each of 2 marks - 1 for right answer and 1 for justification.</p> <p>** 10 questions, each of 1 mark for right answer.</p> <p>*Question selection will be random with at most 2 options for draw for each student.</p>								