SYLLABUS BREAKDOWN SCHEME
FOR
Applied Mathematics (MATH-113)

P A P E R - A				
Sr.#	Contents	MCQs	S.Q.	L.Q.
01	Quadratic Equations	02	03	01
02	Sequences & Series	03	06	01
03	Binomial Theorem	02	06	01
04	Partial Fractions	01		
05	Fundamentals of Trigonometry	03	04	02
06	General Identities	02	04	
07	Solution of Triangles	02	04	
	TOTAL	15	27	05

Note:

1. Objective Paper consists of 15 MCQs of 01 mark each.

2. Subjective portion consists of two sections:

    Section-I: contains 27 short Questions out of which 18 will be solved of 02 Marks each.

    Section-II: contains 05 Long Questions out of which 03 will be solved of 08 Marks each.

3. **In Section-II,** each long question consists of two parts of 04 marks each.

Total Marks = 75   Passing Marks = 30

Available online @ https://mathbaba.com

SYLLABUS BREAKDOWN SCHEME
FOR
Applied Mathematics (MATH-113)

P A P E R - B

Sr.#	Contents	MCQs	S.Q.	L.Q.
08	Vectors & Scalars	03	05	01
09	Matrices & Determinants	03	05	01
10	Area of Triangles	01	02	
11	Area of Quadrilateral	01	02	
12	Area of Polygon	01	02	01
13	Area of Circles	01	02	
14	Area of Irregular Pln. Fgr.	01	01	0.5
15	Mensuration of Solid	01	02	
16	Mensuration of Cylinder	01	02	
17	Mensuration of Pyramid	01	02	1.5
18	Mensuration of Cone	01	01	
19	Mensuration of Sphere		01	
	TOTAL	**15**	**27**	**05**

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