SYLLABUS BREAKDOWN SCHEME
FOR
Applied Mathematics-II (MATH-212)

Sr.#	Contents	MCQs	S.Q.	L.Q.
01	Functions and Limits	02	04	01 $\begin{cases} 0.5 \\ 0.5 \end{cases}$
02	Derivatives	02	04	
03	Differentiation of Trigonometric & Inverse Trigonometric Functions	03	04	01 $\begin{cases} 0.5 \\ 0.5 \end{cases}$
04	Rate of change of Variable	02	04	
05	Integration	02	04	01 $\begin{cases} 0.5 \\ 0.5 \end{cases}$
06	Methods of Integration	02	04	
07	Definite Integral & Applications	02	04	0.5
08	The Straight Line	03	05	01
09	The Circle	02	04	0.5
TOTAL		**20**	**37**	**05**

Note:

1. Objective Paper consists of 20 MCQs of 01 mark each.

2. Subjective portion consists of two sections:

Section-I: contains 37 short Questions out of which 25 will be solved of 02 Marks each.

Section-II: contains 05 Long Questions out of which 03 will be solved of 10 Marks each.

3. In Section-II: each long question consists of two parts of 05 marks each.

Total Marks = 100   Passing Marks = 40

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