

## SYLLABUS BREAKDOWN SCHEME

Sr.#	TITLE	MCQs	S.Q.		L.Q.
01	Number Systems	01	03	Section-I	----
02	Sets, Functions and Groups	02	03		Q.5(a)
03	Matrices and Determinants	02	03		Q.5(b)
04	Quadratic Equations	02	03		Q.6(a)
05	Partial Fractions	01	01	Section-II	Q.6(b)
06	Sequences and Series	02	04		Q.7(a)
07	Permutation, Combination and Probability	02	04		----
08	Mathematical Inductions and Binomial Theorem	02	03		Q.7(b)
09	Fundamentals of Trigonometry	01	03	Section-III	Q.8(a)
10	Trigonometric Identities, Sum and Difference of Angle	01	03		Q.8(b)
11	Trigonometric Functions and Their Graphs	01	01		----
12	Application of Trigonometry	01	03		Q.9(a)
13	Inverse Trigonometric Functions	01	01		----
14	Solution of Trigonometric Equations	01	02	Q.9(b)	
<b>TOTAL</b>		<b>20</b>	<b>37</b>		<b>05</b>

**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 = 33**

Note: This is last year paper scheme and is not fixed for long questions. So please consult your teacher for the latest scheme which is issued two months before the exam every year.

