

**PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH**  
**SYLLABUS BREAKUP**

**Class: SSC - I**

**Subjec: Mathematics**

Number of Teaching Weeks in First Term: (1 - 17)

Number of Teaching Weeks in Second Term: (18 - 34)

Name of Text Book:

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	Unit # 7 Linear Equations and Inequalities	Day 1	Unit # 7 Linear Equations and Inequalities (Exercise # 7.1)	135
		Day 2	(Exercise # 7.1)	135
		Day 3	(Exercise # 7.1)	135
		Day 4	(Exercise # 7.1)	136
2	Unit # 7 Linear Equations and Inequalities	Day 1	(Exercise # 7.2)	138
		Day 2	(Exercise # 7.2)	138
		Day 3	(Exercise # 7.3)	141
		Day 4	(Exercise # 7.3)	142
3	Unit # 8 Linear Graphs & Their Applications	Day 1	Unit # 8 Linear Graphs & Their Applications (Exercise # 8.1)	156
		Day 2	(Exercise # 8.1)	156
		Day 3	(Exercise # 8.1)	157
		Day 4	(Exercise # 8.1)	157
4	Unit # 8 Linear Graphs & Their Applications	Day 1	(Exercise # 8.2)	164
		Day 2	(Exercise # 8.2)	164
		Day 3	(Exercise # 8.2)	164
		Day 4	(Exercise # 8.3)	166
5	Unit # 8 Linear Graphs & Their Applications	Day 1	(Exercise # 8.3)	166
		Day 2	Review Exercise 8	166
		Day 3	Review Exercise 8	167
		Day 4	Test	

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6	Unit # 9 Introduction to Coordinate Geometry	Day 1	Unit # 9 Introduction to Coordinate Geometry (Exercise # 9.1)	170
		Day 2	(Exercise # 9.1)	170
		Day 3	(Exercise # 9.1)	170
		Day 4	(Exercise # 9.1)	170
7	Unit # 9 Introduction to Coordinate Geometry	Day 1	(Exercise # 9.2)	178
		Day 2	(Exercise # 9.2)	178
		Day 3	(Exercise # 9.2)	178
		Day 4	(Exercise # 9.2)	178
8	Unit # 9 Introduction to Coordinate Geometry	Day 1	(Exercise # 9.3)	183
		Day 2	(Exercise # 9.3)	183
		Day 3	(Exercise # 9.3)	183
		Day 4	(Exercise # 9.3)	183
9	Unit # 13 Sides and Angles of a Triangle	Day 1	Unit # 13 Sides and Angles of a Triangle (Theorem 13.1.1)	218
		Day 2	(Theorem 13.1.2)	220
		Day 3	(Theorem 13.1.3)	222
		Day 4	Test	
10	Unit # 14 Ratio and Proportion	Day 1	Unit # 14 Ratio and Proportion (Theorem 14.1.1)	229
		Day 2	(Theorem 14.1.2)	231
		Day 3	(Theorem 14.1.3)	233
		Day 4	(Theorem 14.1.4)	234, 235
11	Unit # 15 Pythagoras' Theorem	Day 1	Unit # 15 Pythagoras' Theorem (Theorem 15.1.1)	238
		Day 2	(Theorem 15.1.2)	240
		Day 3	Test	
		Day 4	Review Exercise 15	242

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12	Unit # 16 Theorem Related with Area	Day 1	Unit # 16 Theorem Related with Area (Theorem 16.1.1)	246
		Day 2	(Theorem 16.1.2)	247
		Day 3	(Theorem 16.1.3)	249
		Day 4	(Theorem 16.1.4)	249,250
13	Unit # 17 Practical Geometry - Triangles	Day 1	Unit # 17 Practical Geometry - Triangles (Exercise # 17.1)	255
		Day 2	(Exercise # 17.1)	255
		Day 3	(Exercise # 17.1)	256
		Day 4	(Exercise # 17.1)	256
14	Unit # 17 Practical Geometry - Triangles	Day 1	(Exercise # 17.2)	260
		Day 2	(Exercise # 17.2)	260
		Day 3	(Exercise # 17.2)	260
		Day 4	(Exercise # 17.2)	261
15	Unit # 17 Practical Geometry - Triangles	Day 1	(Exercise # 17.3)	261
		Day 2	(Exercise # 17.3)	262
		Day 3	(Exercise # 17.4)	263
		Day 4	(Exercise # 17.4)	263
16	Unit # 17 Practical Geometry - Triangles	Day 1	(Exercise # 17.5)	265
		Day 2	(Exercise # 17.5)	265
		Day 3	(Exercise # 17.5)	265
		Day 4	(Exercise # 17.5)	265
17	Unit # 17 Practical Geometry - Triangles	Day 1	Review Exercise 17	265
		Day 2	Test	
		Day 3	Test	
		Day 4	Test	

Week No.	Chapter No.	Day	Topic	Book Page Numbers
18	Unit # 1 Matrices and Determinants	Day 1	Unit # 1 Matrices and Determinants	4 to 15
		Day 2	Unit # 1 Matrices and Determinants	4 to 15
		Day 3	Unit # 1 Matrices and Determinants	18 to 28
		Day 4	Unit # 1 Matrices and Determinants	18 to 28
19	Unit # 2 Real and Complex Numbers	Day 1	Unit # 2 Real and Complex Numbers	38 to 45
		Day 2	Unit # 2 Real and Complex Numbers	38 to 45
		Day 3	Unit # 2 Real and Complex Numbers	46 to 53
		Day 4	Unit # 2 Real and Complex Numbers	46 to 53
20	Unit # 3 Logarithms	Day 1	Unit # 3 Logarithms	59 to 70
		Day 2	Unit # 3 Logarithms	59 to 70
		Day 3	Unit # 3 Logarithms	72
		Day 4	Unit # 3 Logarithms	72
21	Unit # 4 Algebraic Expressions and Algebraic Formulas	Day 1	Unit # 4 Algebraic Expressions and Algebraic Formulas	82
		Day 2	Unit # 4 Algebraic Expressions and Algebraic Formulas	82
		Day 3	Unit # 4 Algebraic Expressions and Algebraic Formulas	87 to 91
		Day 4	Unit # 4 Algebraic Expressions and Algebraic Formulas	87 to 91
22	Unit # 5 Factorization	Day 1	Unit # 4 Algebraic Expressions and Algebraic Formulas	94
		Day 2	Unit # 4 Algebraic Expressions and Algebraic Formulas	94
		Day 3	Unit # 5 Factorization	100
		Day 4	Unit # 5 Factorization	101
23	Unit # 5 Factorization	Day 1	Unit # 5 Factorization	106
		Day 2	Unit # 5 Factorization	106
		Day 3	Unit # 5 Factorization	109 to 111
		Day 4	Unit # 5 Factorization	109 to 111

Week No.	Chapter No.	Day	Topic	Book Page Numbers
24	Unit # 6 Algebraic Manipulation	Day 1	Unit # 6 Algebraic Manipulation	119
		Day 2	Unit # 6 Algebraic Manipulation	120
		Day 3	Unit # 6 Algebraic Manipulation	120
		Day 4	Unit # 6 Algebraic Manipulation	122
25	Unit # 6 Algebraic Manipulation	Day 1	Unit # 6 Algebraic Manipulation	122
		Day 2	Unit # 6 Algebraic Manipulation	123
		Day 3	Unit # 6 Algebraic Manipulation	126
		Day 4	Unit # 6 Algebraic Manipulation	127
26	Unit # 7 Linear Equations and Inequalities	Day 1	Unit # 7 Linear Equations and Inequalities	135
		Day 2	Unit # 7 Linear Equations and Inequalities	135
		Day 3	Unit # 7 Linear Equations and Inequalities	138
		Day 4	Unit # 7 Linear Equations and Inequalities	141
27	Unit # 8 Linear Graphs & Their Applications	Day 1	Unit # 8 Linear Graphs & Their Applications	156 to 157
		Day 2	Unit # 8 Linear Graphs & Their Applications	164
		Day 3	Unit # 8 Linear Graphs & Their Applications	164
		Day 4	Unit # 8 Linear Graphs & Their Applications	166
28	Unit # 9 Introduction to Coordinate Geometry	Day 1	Unit # 9 Introduction to Coordinate Geometry	170
		Day 2	Unit # 9 Introduction to Coordinate Geometry	170
		Day 3	Unit # 9 Introduction to Coordinate Geometry	178
		Day 4	Unit # 9 Introduction to Coordinate Geometry	178
29	Unit # 9 Introduction to Coordinate Geometry	Day 1	Unit # 9 Introduction to Coordinate Geometry	178
		Day 2	Unit # 9 Introduction to Coordinate Geometry	183
		Day 3	Unit # 9 Introduction to Coordinate Geometry	183
		Day 4	Unit # 9 Introduction to Coordinate Geometry	183

Week No.	Chapter No.	Day	Topic	Book Page Numbers
30	Unit # 17 Practical Geometry - Triangles	Day 1	Unit # 17 Practical Geometry - Triangles	255
		Day 2	Unit # 17 Practical Geometry - Triangles	255
		Day 3	Unit # 17 Practical Geometry - Triangles	256
		Day 4	Unit # 17 Practical Geometry - Triangles	260
31	Unit # 17 Practical Geometry - Triangles	Day 1	Unit # 17 Practical Geometry - Triangles	260,261
		Day 2	Unit # 17 Practical Geometry - Triangles	261,263
		Day 3	Unit # 17 Practical Geometry - Triangles	265
		Day 4	Unit # 17 Practical Geometry - Triangles	265
32	Unit # 10 & Unit # 11	Day 1	(Theorem 10.1.1 to 10.1.3)	187 to 193
		Day 2	(Theorem 10.1.1 to 10.1.3)	187 to 193
		Day 3	(Theorem 11.1.1 to 11.1.4.)	199 to 206
		Day 4	(Theorem 11.1.1 to 11.1.4.)	199 to 206
33	Unit # 12 & Unit # 13	Day 1	(Theorem 12.1.1 to 12.1.3)	210 to 215
		Day 2	(Theorem 12.1.3 to 12.1.6.)	210 to 215
		Day 3	(Theorem 13.1.1 to 13.1.2.)	218 to 225
		Day 4	(Theorem 13.1.3 to 13.1.4.)	218 to 225
34		Day 1	Test	
		Day 2	Test	
		Day 3	Test	
		Day 4	Test	