

<b>1<sup>st</sup> Term : 18 August 2015-27 December 2015 (80 Working days)</b>			
<b>Week No</b>	<b>Duration/ Dates</b>	<b>No of W. Days</b>	<b>Contents</b>
1	18 Aug 2015 To 21 Aug 2015	04	<b>Chapter No. 3</b> Matrices their types and operations, Determinant Evaluation and Properties
2	24 Aug 2015 To 28 Aug 2015	05	Elementary row and column operations, echelon and reduced echelon forms of matrices
3	31 Aug 2015 To 04 Sep 2015	05	System of linear equations and methods of solution
4	07 Sep 2015 To 11 Sep 2015	05	<b>Chapter No. 4</b> Solution of Quadratic Equations (Q.E), Equations reducible to Q.E and radical equations
5	14 Sep 2015 To 18 Sep 2015	05	Relation between roots and coefficients of Q.E.
6	21 Sep 2015 To 25 Sep 2015 [EidulAzha]	02	Cube roots of unity, remainder theorem and synthetic division
7	28 Sep 2015 To 02 Oct 2015	05	<b>1<sup>st</sup> Bimonthly Test</b>
8	05 Oct 2015 To 09 Oct 2015	05	Nature of roots of Q.E, Solution of Simultaneous Eqs, Word problems on Q.E
9	12 Oct 2015 To 16 Oct 2015	05	<b>Chapter No. 9</b> Angles, Circular System, Relation between arc length of a circle and central angle, General angle
10	19 Oct 2015 To 23 Oct 2015 [Ashura]	03	Trigonometric fundamental identities, Values of trig. Functions of general angles, Proof of trig. Identities Ex. 9.4
11	26 Oct 2015 To 30 Oct 2015	05	<b>Chapter No. 10</b> Fundamental law of Trigonometry (Statement and Proof), applications of Basic Identities
12	02 Nov 2015 To 06 Nov 2015	05	Double and Half angle identities. Sum, Difference and Product of Sine and Cosines.
13	09 Nov 2015 To 13 Nov 2015 [Iqbal Day]	04	<b>Chapter No. 11</b> Period of Trig. Functions, Graph of Trig. Functions <b>Chapter No. 12</b> Solutions of right Triangles, Heights and distances

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14	16 Nov 2015 To 20 Nov 2015	05	Solution of oblique triangles, Area of triangles
15	23 Nov 2015 To 27 Nov 2015	05	Circles connected with triangles <b>Chapter No. 13</b> Inverse trig. Addition and subtraction formulas
16	30 Nov 2015 To 04 Dec 2015	05	<b>Chapter No. 14</b> Solution of Trigonometric Equations
17	07 Dec 2015 To 11 Dec 2015	05	<b>1<sup>st</sup> Term Exams (Send – Up Exams)</b>
18	14 Dec 2015 To 18 Dec 2015	02	<b>1<sup>st</sup> Term Exams (Send – Up Exams)/All Pakistan Prize Distribution Ceremony of Co-curricular Activities</b>
19	21 Dec 2015 To 25 Dec 2015	-	<b>Winter Vacation</b>
<b>2<sup>nd</sup> Term: 28 December 2015 - 12 April 2016 ( 75 Working Days)</b>			
20	28 Dec 2015 To 01 Jan 2016	05	<b>Chapter No. 01</b> Rational and Irrational numbers and their properties, complex numbers and their operations. Geometric representation of complex numbers, polar form and De Moivre's theorem
21	04 Jan 2016 To 08 Jan 2016	05	<b>Chapter No. 05</b> Rational fractions, Resolution of given rational fractions into partial fractions (Different Cases)
22	11 Jan 2016 To 15 Jan 2016	05	<b>Chapter No. 06</b> Sequence Arithmetic progression, Arithmetic mean, Arithmetic series and word problems
23	18 Jan 2016 To 22 Jan 2016	05	Geometric progression, geometric mean, Geometric series (finite and infinite) and word problems
24	25 Jan 2016 To 29 Jan 2016	05	Harmonic sequence, relation between A.M, G.M & H.M <b>Chapter No.07</b> Factorial Notation, Permutation and combination
25	01 Feb 2016 To 05 Feb 2016 [Kashmir Day]	04	Probability, Addition and Multiplication Probabilities <b>Chapter No.08</b> Principle of mathematical induction, Binomial Theorem and its applications
26	08 Feb 2016 To 12 Feb 2016	05	<b>2<sup>nd</sup> Bimonthly Test</b>

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27	15 Feb 2016 To 19 Feb 2016	05	Binomial Theorem and its applications, Binomial series and its arrangement
28	22 Feb 2016 To 26 Feb 2016	05	<b><u>Chapter No. 02</u></b> Sets, Operations and Venn Diagram, Logic: Conditional, bi-conditional, Tautology, Quantifier, Relations.
29	29 Feb 2016 To 04 Mar 2016	05	Functions, binary operations, Groups: Abelian group, Identity and Inverse of element of group
30	07 Mar 2016 To 11 Mar 2016	05	Revision and Test Series
31	14 Mar 2016 To 18 Mar 2016	05	Revision and Test Series
32	21 Mar 2016 To 25 Mar 2016 [Pakistan Day]	04	Revision and Test Series
33	28 Mar 2016 To 01 Apr 2016	05	<b><u>Pre-Board Examination</u></b>
34	04 Apr 2016 To 08 Apr 2016	05	<b><u>Pre-Board Examination</u></b>
35	11 Apr 2016 To 15 Apr 2016	02	<b><u>Pre-Board Examination/ Prep Leave</u></b>