



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2019 - 2020
Class: XII

Subject : MATHEMATICS (041)
Books : N.C.E.R.T., EXEMPLAR, R.D.SHARMA

Subject Coordinator
Name: Mr. S.K. Sharma

Head of Department
Name: Mr. S.K. Sharma

Sign:

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2019 - 2020

Subject : Mathematics

Class : XII

No. of periods : 127

Month	Assessed in	Lesson/s to be covered (if partly covered, till where?)	Period Count
March	I, II Term, Surprise Test, Half yearly, I, II Pre- board	Matrices and Determinants (Properties).	14
April	I, II Term, Surprise Test, Half yearly, I, II Pre- board	Determinants, Relations and Functions	14
May	I, II Term, Surprise Test, Half yearly, I, II Pre- board	Inverse Trigonometric Functions, Continuity and Differentiability	19
June	II Term, Test, Half yearly, I, II Pre- board	Applications of Derivatives (Derivative as a rate measurer)	01
July	II Term, Surprise Test, Test, Half yearly, I, II Pre- board	Applications of Derivatives, Integrals (Substitution method) and revision work.	19
August	Half yearly, I, II Pre- board	Integrals, Applications of Integrals and Differential Equations (Formations).	20
September	Half yearly, I, II Pre- board	Differential Equations and revision work.	08
October	I, II Pre- board	Vector Algebra, 3D Geometry, Linear Programming (Contd..)	12
November	I, II Pre- board	Linear Programming, Probability	08
December	II Pre- board	Revision	12
January	CBSE Board Exam	2 nd Pre Board Examination	NIL

Subject coordinator: Mr. Sanjay Kumar Sharma



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Monthly Syllabus/Planning overview

Session: 2019 - 2020

Subject: Mathematics (041)

Class : XII

No. of periods : 67

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
March	11/3/19	16/3/19	Matrices	06
	18/3/19	23/3/19	Matrices	03
	25/3/19	30/3/19	Matrices	05
April	01/04/19	06/04/19	Determinants	01
	08/04/19	13/04/19	Determinants	04
	15/04/19	20/04/19	Determinants	04
	22/4/19	27/4/19	Determinants, Relations and Functions	05
May	29/4/19	04/5/19	Inverse Trigonometric Functions	05
	06/5/19	11/5/19	Inverse Trigonometric Functions	04
	13/5/19	19/5/19	Continuity & Differentiability	04
	20/5/19	25/5/19	Continuity & Differentiability	05
	27/5/19	31/5/19	Continuity & Differentiability	01
JUNE	28/6/19	29/6/19	Applications of Derivatives	01
JULY	01/7/19	6/7/19	Applications of Derivatives	05
	8/7/19	13/7/19	Applications of Derivatives	04
	15/7/19	20/7/19	Applications of Derivatives, Revision	05
	22/7/19	27/7/19	Integrals	05

Subject coordinator: Sanjay Kumar Sharma



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Monthly Syllabus/Planning overview

Session: 2019 - 2020

Subject: Mathematics (041)

Class : XII

No. of periods : 48

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
AUG	29/7/19	3/8/19	Integrals	05
	5/8/19	10/8/19	Integrals	04
	12/8/19	17/8/19	Integrals, Applications of Integrals	03
	19/8/19	24/8/19	Applications of Integrals	04
	26/8/19	31/9/19	Differential Equations	04
SEPT	2/9/19	7/9/19	Differential Equations	05
	9/9/19	14/9/19	Differential Equations, Revision	03
	16/9/19	21/9/19	Half Yearly Examination	NIL
	23/9/19	28/9/19	Half Yearly Examination	NIL
OCT	30/9/19	5/10/19	Half Yearly Examination, Question Paper Discussion	01
	7/10/19	12/10/19	Vector Algebra	02
	14/10/19	19/10/19	Vector Algebra, 3D Geometry	05
	21/10/19	26/10/19	3D Geometry, Linear Programming	04
NOV	28/10/19	2/11/19	Linear Programming	03
	4/11/19	9/11/19	Probability	03
	11/11/19	16/11/19	Probability, Revision, 1 st Pre Board Examination begins	02
	18/11/19	23/11/19	1 st Pre Board Examination	NIL

Subject coordinator: Sanjay Kumar Sharma



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No. of periods : 12

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
	25/11/19	30/11/19	1 st Pre Board Examination	NIL
DEC	2/12/19	7/12/19	1 st Pre Board Examination	NIL
	9/12/19	14/12/19	Revision	04
	16/12/19	21/12/19	Revision	05
	23/12/20	28/12/19	Revision, 2nd Pre Board Examination	03
JAN	30/12/19	4/1/20	2 nd Pre Board Examination	NIL
	6/1/20	11/1/20	2 nd Pre Board Examination	NIL
	13/1/20	18/1/20	2 nd Pre Board Examination	NIL
	20/1/20	25/1/20	Farewell	NIL

Subject coordinator: Sanjay Kumar Sharma