

Lesson Plan

Name of the Assistant/ Associate Professor... Miss Mohini, Miss Dimple

Class and Section: ... BSc. III (VI Semester) ...

Subject: MATHEMATICS (Real and complex Analysis & Numerical Analysis)

Week	Date	Topics
1	1-Jan-18	Jacobians (Introduction)
	2-Jan-18	Examples of Jacobians
	3-Jan-18	-do-
	4-Jan-18	-do-
	5-Jan-18	Functional Dependence
	6-Jan-18	Beta functions (Introduction)
	7-Jan-18	Sunday
2	8-Jan-18	Properties of Beta functions
	9-Jan-18	-do-
	10-Jan-18	Examples of Beta function
	11-Jan-18	-do-
	12-Jan-18	Gamma function (Introduction)
	13-Jan-18	Relation between Beta and Gamma function
	14-Jan-18	Sunday
3	15-Jan-18	Examples of Gamma function
	16-Jan-18	-do-
	17-Jan-18	-do-
	18-Jan-18	Duplication formula
	19-Jan-18	Revision and Doubts analysis
	20-Jan-18	Class test
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Fourier Series (Introduction)
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Piecewise Monotonic function
	26-Jan-18	Republic Day
	27-Jan-18	Fourier series for even and odd functions
	28-Jan-18	Sunday
	5	29-Jan-18
30-Jan-18		Properties of fourier coefficients
31-Jan-18		Holiday -

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Week	Date	Topics
1	1-Feb-18	Examples of fourier series
	2-Feb-18	-do-
	3-Feb-18	-do-
	4-Feb-18	Sunday
2	5-Feb-18	Fourier Expansion of function having pt of discontinuity
	6-Feb-18	-do-
	7-Feb-18	Half Range series
	8-Feb-18	-do-
	9-Feb-18	Parseval's Identity for fourier series
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Examples related to fourier series
	13-Feb-18	Maha Shivratri
	14-Feb-18	-do-
	15-Feb-18	-do-
	16-Feb-18	Revision and doubts analysis
	17-Feb-18	class test
	18-Feb-18	Sunday
	4	19-Feb-18
20-Feb-18		C-R Equation
21-Feb-18		Theorems and Examples of Analytic function
22-Feb-18		-do-
23-Feb-18		-do-
24-Feb-18		-do-
25-Feb-18		Sunday
5	26-Feb-18	Construction of an Analytic function
	27-Feb-18	Milne Thomson Method
	28-Feb-18	HOLI BREAK

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Subject: ... MATHEMATICS (Real and complex Analysis & N.A)

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	HOLI BREAK
	4-Mar-18	Sunday
2	5-Mar-18	Examples of Milne Thomson Method
	6-Mar-18	-do-
	7-Mar-18	Mapping By Elementary function
	8-Mar-18	Translation, Rotation
	9-Mar-18	Magnification and Inversion
	10-Mar-18	Examples of Translation, Rotation, magnification and inversion
	11-Mar-18	Sunday
3	12-Mar-18	Conformal mappings
	13-Mar-18	Mobius Transformation
	14-Mar-18	-do-
	15-Mar-18	Inverse pts and examples of Mobius Transformation
	16-Mar-18	Examples of Mobius Transformation
	17-Mar-18	Revision and doubts analysis
	18-Mar-18	Sunday
	4	19-Mar-18
20-Mar-18		Finite difference operators and their relation
21-Mar-18		-do-
22-Mar-18		-do-
23-Mar-18		Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
24-Mar-18		Finding the missing terms in difference tabular values
25-Mar-18		Sunday/ Ram Navami
5		26-Mar-18
	27-Mar-18	-do-
	28-Mar-18	Examples of newton's forward Interpolation
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Newtons backward interpolation
	31-Mar-18	-do-

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Examples of Newton's backward interpolation
	3-Apr-18	-do-
	4-Apr-18	Interpolation with unequal intervals
	5-Apr-18	-do-
	6-Apr-18	Revision and doubts Analysis
	7-Apr-18	Class Test
	8-Apr-18	Sunday
2	9-Apr-18	Gauss forward interpolation formula
	10-Apr-18	Gauss backward interpolation formula
	11-Apr-18	Sterling formula
	12-Apr-18	-do-
	13-Apr-18	Bessel's formula
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Examples of interpolation formula
	17-Apr-18	-do-
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Probability distribution of random variables
	20-Apr-18	-do-
	21-Apr-18	Examples of probability distribution
	22-Apr-18	Sunday
4	23-Apr-18	Binomial distribution
	24-Apr-18	-do-
	25-Apr-18	Example of Binomial distribution
	26-Apr-18	-do-
	27-Apr-18	Revision and doubts Analysis
	28-Apr-18	Class Test