

## Lesson Plan

Name of the Assistant/ Associate Professor..... ANJU RANI.....

Class and Section:..... B.Sc. II.....

Subject:..... MATHEMATICS.....

Week	Date	Topics
1	1-Jan-18	Power Series & its Convergence
	2-Jan-18	— do —
	3-Jan-18	operation on Power Series
	4-Jan-18	shifting of summation
	5-Jan-18	Revision
	6-Jan-18	Examples and theorems
	7-Jan-18	Sunday
2	8-Jan-18	Analytic function
	9-Jan-18	Existence of Power Series
	10-Jan-18	— do —
	11-Jan-18	— do —
	12-Jan-18	Frobenius method
	13-Jan-18	Presentation
	14-Jan-18	Sunday
3	15-Jan-18	class Test
	16-Jan-18	Beta function & its Properties
	17-Jan-18	— do —
	18-Jan-18	Gamma function & Properties
	19-Jan-18	Recurrence Formula
	20-Jan-18	— do —
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Relation Between Beta & Gamma
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Revision
	26-Jan-18	Republic Day
	27-Jan-18	Bessel Equation, Bessel function
	28-Jan-18	Sunday
5	29-Jan-18	Recurrence relation for Bessel's
	30-Jan-18	function
	31-Jan-18	— do —

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Week	Date	Topics
1	1-Feb-18	Legendre Sol <sup>n</sup> of Legendre Eq.
	2-Feb-18	Rodrigue formula
	3-Feb-18	— do —
	4-Feb-18	Sunday
2	5-Feb-18	class Test
	6-Feb-18	Orthogonality of Legendre polynomial
	7-Feb-18	Examples & Exercise
	8-Feb-18	Laplace Transformation
	9-Feb-18	— do —
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Linear Property of Laplace Transform
	13-Feb-18	Maha Shivratri
	14-Feb-18	& Shifting Property
	15-Feb-18	— do —
	16-Feb-18	Example & Exercise
	17-Feb-18	Revision
	18-Feb-18	Sunday
	4	19-Feb-18
20-Feb-18		— do —
21-Feb-18		— do —
22-Feb-18		Laplace Transform of some important
23-Feb-18		function
24-Feb-18		— do —
25-Feb-18		Sunday
5	26-Feb-18	Inverse Laplace Transform
	27-Feb-18	— do —
	28-Feb-18	Holiday

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Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Holiday
	4-Mar-18	Sunday
2	5-Mar-18	Convolution theorem
	6-Mar-18	Fourier Transformation and
	7-Mar-18	Its Properties, Shifting &
	8-Mar-18	modulation property
	9-Mar-18	— do —
	10-Mar-18	— do —
	11-Mar-18	Sunday
3	12-Mar-18	Inverse Transformation
	13-Mar-18	— do —
	14-Mar-18	Relation Between Fourier &
	15-Mar-18	Laplace Transformation
	16-Mar-18	Passeval's Identity
	17-Mar-18	Examples & Exercise
	18-Mar-18	Sunday
	4	19-Mar-18
20-Mar-18		Revision
21-Mar-18		A General Introduction of Computer
22-Mar-18		Computer Technologies
23-Mar-18		Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
24-Mar-18		Presentation
25-Mar-18		Sunday/ Ram Navami
5		26-Mar-18
	27-Mar-18	Algorithm
	28-Mar-18	— do —
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Examples and its Program
	31-Mar-18	— do —

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Introduction to C
	3-Apr-18	Importance of C
	4-Apr-18	Introduction of Data Types
	5-Apr-18	Data Types in brief
	6-Apr-18	— do —
	7-Apr-18	Loops
	8-Apr-18	Sunday
2	9-Apr-18	Statements
	10-Apr-18	— do —
	11-Apr-18	Define Array
	12-Apr-18	— do —
	13-Apr-18	— do —
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Revision
	17-Apr-18	Revision
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	class Test
	20-Apr-18	class Test
	21-Apr-18	class Test
	22-Apr-18	Sunday
4	23-Apr-18	Revision
	24-Apr-18	— do —
	25-Apr-18	— do —
	26-Apr-18	— do —
	27-Apr-18	— do —
	28-Apr-18	— do —