

Name of Institute: Singh Ram Memorial College, Sultanpur

Name of Asst./Associate Professor: Sanyu

Class and Section: B.A III (6th Sem)

Subject: Real And Complex Analysis.

Week	Date	Topics
1st Week	1-Jan-18	Jacobians
	2-Jan-18	Jacobians
	3-Jan-18	Jacobians
	4-Jan-18	Functional dependence
	5-Jan-18	Problems
	6-Jan-18	Problems
	7-Jan-18	Sunday
2nd Week	8-Jan-18	Beta
	9-Jan-18	Beta function
	10-Jan-18	Beta function
	11-Jan-18	Gamma function
	12-Jan-18	Gamma function
	13-Jan-18	Problems
	14-Jan-18	Sunday
3rd Week	15-Jan-18	Class Test
	16-Jan-18	Double Integral
	17-Jan-18	Double Integral
	18-Jan-18	Triple Integral
	19-Jan-18	Application's of double & Triple Integral
	20-Jan-18	Dirichlet's Integral
	21-Jan-18	Sunday
4th Week	22-Jan-18	Vasant Panchami
	23-Jan-18	Dirichlet's Integral
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Change of order Integration
	26-Jan-18	Republic Day
	27-Jan-18	Problems
	28-Jan-18	Sunday
5th week	29-Jan-18	Problems
	30-Jan-18	Problems
	31-Jan-18	Guru Ravidas Birthday

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018

Name of Institute: Singh Ram Memorial College, Sultanpur

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018
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 Name of Asst./Associate Professor: ^{Sanyal}
 Class and Section: B.A III (Sem 6th)
 Subject: Real and Complex Analysis.

Week	Date	Topics
1st Week	1-Feb-18	Test
	2-Feb-18	Fourier Series: Definitions, even, odd functions.
	3-Feb-18	Dirichlet's conditions.
	4-Feb-18	Sunday
2nd Week	5-Feb-18	Fourier expansion of piecewise monotonic continuous function.
	6-Feb-18	Fourier expansion of piecewise monotonic continuous function.
	7-Feb-18	Fourier expansion of function having discontinuity
	8-Feb-18	Fourier expansion of function having discontinuity
	9-Feb-18	Change of Interval.
	10-Feb-18	Maharashi Dayanand Saraswati Jayanti
3rd Week	11-Feb-18	Sunday
	12-Feb-18	Change of Interval.
	13-Feb-18	Maha Shivratri
	14-Feb-18	Parseval's Identity Fourier series
	15-Feb-18	Problems
	16-Feb-18	Problems
	17-Feb-18	Problems
18-Feb-18	Sunday	
4th Week	19-Feb-18	Class Test
	20-Feb-18	Stereographic Projection of complex number.
	21-Feb-18	Stereographic Projection.
	22-Feb-18	Complex function: Continuity.
	23-Feb-18	Differentiability of complex number
	24-Feb-18	Analytic function, C-R Equation.
	25-Feb-18	Sunday
5th Week	26-Feb-18	Harmonic functions.
	27-Feb-18	Sufficient conditions for analytic $f(z)$
	28-Feb-18	Holi Holidays

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018

Singh Ram Memorial College, Sultanpur

Name of Asst./Associate Professor: Sarju
 Class and Section: BA III (6th Sem)
 Subject: Real and Complex Analysis.

Week	Date	Topics
1st Week	1-Mar-18	Holi Holidays
	2-Mar-18	Holi Holidays
	3-Mar-18	Holi Holidays
	4-Mar-18	Sunday
2nd Week	5-Mar-18	Class Test
	6-Mar-18	Harmonic function.
	7-Mar-18	Harmonic function.
	8-Mar-18	Problems
	9-Mar-18	Problems
	10-Mar-18	Problems
	11-Mar-18	Sunday
3rd Week	12-Mar-18	Test
	13-Mar-18	Elementary Functions & Mobius Transformations
	14-Mar-18	Mappings by elementary function.
	15-Mar-18	Conformal mapping.
	16-Mar-18	Linear Transformation, Bilinear Transformation
	17-Mar-18	Nature of Mobius Transformation.
	18-Mar-18	Sunday
4th Week	19-Mar-18	Fixed points Cross ratio range.
	20-Mar-18	Examples
	21-Mar-18	Problems
	22-Mar-18	Problems.
	23-Mar-18	Shaheed Diwas of Bhagat Singh, Rajguru, Sukhdev
	24-Mar-18	Test
	25-Mar-18	Sunday/ Ram Nawmi
5th Week	26-Mar-18	Critical mappings.
	27-Mar-18	Critical mappings
	28-Mar-18	Examples
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Examples
31-Mar-18	Examples.	

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Name of Asst./Associate Professor :

Singh Ram Memorial College, Sultanpur
Sanju

Class and Section: B.A. III (6th Sem)

Subject: Real and Complex Analysis.

Week	Date	Topics
1st Week	1-Apr-18	Sunday
	2-Apr-18	More mapping (Half plane into circle)
	3-Apr-18	More mapping (Unit circle into unit circle)
	4-Apr-18	Problems
	5-Apr-18	Problems
	6-Apr-18	Problems
	7-Apr-18	Problems
	8-Apr-18	Sunday
2nd Week	9-Apr-18	Test
	10-Apr-18	Test
	11-Apr-18	Previous year paper
	12-Apr-18	Previous year paper
	13-Apr-18	Previous year paper
	14-Apr-18	Dr. Ambedkar Jayanti/ Vatsakhi
	15-Apr-18	Sunday
3rd Week	16-Apr-18	Previous year paper
	17-Apr-18	Previous year paper
	18-Apr-18	Parshuram Jayanti
	19-Apr-18	Problems
	20-Apr-18	Problems
	21-Apr-18	Problems
	22-Apr-18	Sunday
4th Week	23-Apr-18	Test
	24-Apr-18	Test
	25-Apr-18	Test
	26-Apr-18	Test
	27-Apr-18	Test
	28-Apr-18	Test
	29-Apr-18	Sunday
	30-Apr-18	Test