

Lesson Plan

Name of the Assistant/ Associate Professor..... Sunita Kaha

Class and Section:..... BA II (4th Sem) 2018

Subject:..... Sequence and Series

Week	Date	Topics
1	1-Jan-18	Vacation
	2-Jan-18	
	3-Jan-18	
	4-Jan-18	
	5-Jan-18	
	6-Jan-18	
	7-Jan-18	Sunday
2	8-Jan-18	Boundedness of set of real numbers
	9-Jan-18	Least upper bound
	10-Jan-18	greatest lower bound of a set
	11-Jan-18	neighbourhoods
	12-Jan-18	limiting points
	13-Jan-18	isolated points
	14-Jan-18	Sunday
3	15-Jan-18	limit points
	16-Jan-18	open sets
	17-Jan-18	closed sets
	18-Jan-18	interior of a set
	19-Jan-18	closure of a set
	20-Jan-18	Bolzano Weierstrass theorem
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	open cover
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Compact set
	26-Jan-18	Republic Day
	27-Jan-18	Heine Borel Theorem
	28-Jan-18	Sunday
	29-Jan-18	other theorems of Section 1
5	30-Jan-18	" " "
	31-Jan-18	" " "

Lesson Plan

Name of the Assistant/ Associate Professor.....Sunitakalra

Class and Section:.....B.A.H.....

Subject:.....Sequence and Series.....

Week	Date	Topics
	1-Feb-18	Real sequence
	2-Feb-18	Convergence of sequences
	3-Feb-18	Theorem on limit of sequences
	4-Feb-18	Sunday
6	5-Feb-18	Bounded and monotone sequence
	6-Feb-18	Cauchy sequence
	7-Feb-18	Cauchy general principle of convergence
	8-Feb-18	Subsequences
	9-Feb-18	Subsequential limits
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
7	12-Feb-18	Infinite series
	13-Feb-18	Maha Shivratri
	14-Feb-18	Convergence and divergence of infinite series
	15-Feb-18	Comparison tests of positive term infinite series
	16-Feb-18	Cauchy's general principle of convergence of series
	17-Feb-18	Convergence and divergence of geometric series
	18-Feb-18	Sunday
8	19-Feb-18	Hyperbolic Harmonic Series or p series
	20-Feb-18	Theorem on series
	21-Feb-18	" "
	22-Feb-18	" "
	23-Feb-18	" "
	24-Feb-18	" "
	25-Feb-18	Sunday
9	26-Feb-18	Theorem on sequences
	27-Feb-18	" " "
	28-Feb-18	" " "

Lesson Plan

Name of the Assistant/ Associate Professor.....Suvita Kalsa

Class and Section:.....BAH

Subject:.....Sequence and Series

Week	Date	Topics
	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	D'Alembert's Ratio Test
	4-Mar-18	Sunday
10	5-Mar-18	D'Alembert's Ratio Test
	6-Mar-18	Rabel's Test
	7-Mar-18	" "
	8-Mar-18	Logarithmic Test
	9-Mar-18	" "
	10-Mar-18	de Morgan and Bertrand's Test
	11-Mar-18	Sunday
11	12-Mar-18	de Morgan and Bertrand's Test
	13-Mar-18	Cauchy's nth root test
	14-Mar-18	" " "
	15-Mar-18	Gauss Test
	16-Mar-18	" "
	17-Mar-18	Cauchy's Integral Test
	18-Mar-18	Sunday
12	19-Mar-18	Cauchy's Integral Test
	20-Mar-18	" " "
	21-Mar-18	Cauchy's Condensation Test
	22-Mar-18	" " " "
	23-Mar-18	Problems on infinite series
	24-Mar-18	" " " "
	25-Mar-18	Sunday/ Ram Navami
13	26-Mar-18	Problems on infinite series
	27-Mar-18	" " " "
	28-Mar-18	" " " "
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Problems on infinite series
	31-Mar-18	" " " "

Lesson Plan

Name of the Assistant/ Associate Professor.....Sunita Kaha

Class and Section:.....B.A.U.....

Subject:.....Sequence and Series.....

Week	Date	Topics	
14		Sunday	
	1-Apr-18		
	2-Apr-18	Alternating series, Leibnitz Test	
	3-Apr-18	Absolute and Conditional Convergence	
	4-Apr-18	Arbitrary series, Abel's Lemma	
	5-Apr-18	Abel's Test, Dirichlet Test	
	6-Apr-18	Insertion and removal of parenthesis	
	7-Apr-18	Dirichlet's theorem	
	8-Apr-18	Sunday	
15	9-Apr-18	Riemann's Rearrangement Series	
	10-Apr-18	Multiplication of series	
	11-Apr-18	Cauchy product	
	12-Apr-18	Convergence and absolute convergence	
	13-Apr-18	Problems on arbitrary series	
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi	
		15-Apr-18	Sunday
	16	16-Apr-18	Revision of syllabus
17-Apr-18		" " "	
18-Apr-18		Parashurama Jayanti	
19-Apr-18		Revision of Syllabus	
20-Apr-18		" " "	
21-Apr-18		" " "	
		22-Apr-18	Sunday
17		23-Apr-18	Revision of Syllabus
	24-Apr-18	" " "	
	25-Apr-18	" " "	
	26-Apr-18	" " "	
	27-Apr-18	" " "	
	28-Apr-18	" " "	