

SUMMARY OF LESSON PLAN

Name of the Assistant/ Associate Professor : **Runku**
Class and Section : **Bsc.-II**
Subject Lesson Plan : **Maths (Seq and Series)**
Month : **January 2018_____**

Date	Topics
01-01-2018	Sets, bounded above set, unbounded above set, bounded below set, unbounded set.
02-01-2018	Examples related to above definitions.
03-01-2018	Supremum and related theorems
04-01-2018	Infimum and related theorems.
05-01-2018	Completeness Axiom, Archimedean property
06-01-2018	Solved Examples.
07-01-2018	SUNDAY
08-01-2018	Exercise problems
09-01-2018	Neighborhood of a point and related
10-01-2018	Deleted neighborhood, theorems, interior point of a set and examples
11-01-2018	Open sets and related examples and theorems
12-01-2018	Theorems related to interior set open set
13-01-2018	Closed sets and examples and theorems
14-01-2018	SUNDAY
15-01-2018	Limit point of a set, related examples isolated point, Adherent point.
16-01-2018	Related examples, closure of a set.

Month

: January 2018

Date	Particulars
17-01-2018	Some important theorems
18-01-2018	Bolzano-weierstrass theorem and other theorems
19-01-2018	Some theorems on closure of a set
20-01-2018	Theorems on supremum and infimum solved examples
21-01-2018	SUNDAY
22-01-2018	VASANT PANCHAMI
23-01-2018	Compact set, cover and open cover Heine boreal theorems
24-01-2018	SIR CHOTU RAM JAYANTI
25-01-2018	Converse set Heine boreal theorem solved examples
26-01-2018	REPUBLIC DAY
27-01-2018	Sequences, Bounded and unbounded sequence, convergent sequence
28-01-2018	SUNDAY
29-01-2018	Theorems on convergent sequence, divergent sign
30-01-2018	Solved examples
31-01-2018	GURU RAVIDAS BIRTHDAY

Month

: February 2018

Date	Topics
01-02-2018	Some basic theorems on limits
02-02-2018	Squeeze principle, Cauchy's first theorem on limits
03-02-2018	Cauchy's and theorems and solved examples
04-02-2018	SUNDAY
05-02-2018	Monotonic sequences, monotonic convergence theorem, nested sequence
06-02-2018	Solved examples
07-02-2018	Limit point, related theorems
08-02-2018	Cauchy's sequences and theorems
09-02-2018	Subsequences and related theorems
10-02-2018	MAHARSHI DAYANAND SARASWATI JAYANTI
11-02-2018	SUNDAY
12-02-2018	Infinite series, solved examples
13-02-2018	MAHA SHIVRATRI
14-02-2018	Theorems on infinite series
15-02-2018	Cauchy's general principle of convergence and other theorems
16-02-2018	Geometric series test on convergences of positive term series

Month

: February 2018

Date	Particulars
17-02-2018	Comparison tests
18-02-2018	SUNDAY
19-02-2018	Comparison tests
20-02-2018	Hyper Harmonic series or p-series and examples
21-02-2018	Solved examples
22-02-2018	D' Alembert's ratio test
23-02-2018	Solved examples
24-02-2018	Cauchy's root test
25-02-2018	SUNDAY
26-02-2018	Solved examples
27-02-2018	RAABE'S test , logarithmic test
28-02-2018	VACATION

Month : March 2018

Date	Topics
01-03-2018	GURU RAVIDAS BIRTHDAY
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Solved examples
06-03-2018	De Morgan's and Bertrand's test
07-03-2018	Gauss test, solved examples
08-03-2018	Cauchy's integral test, solved examples
09-03-2018	Cauchy's can sensations test, solved examples
10-03-2018	Class test
11-03-2018	SUNDAY
12-03-2018	Alternations series, Absolute convergence conditional convergence
13-03-2018	Related theorems
14-03-2018	Solved examples
15-03-2018	ABEL'S lemma, Abel's test
16-03-2018	Dirichlet's test, solved examples

Month

: March 2018

Date	Particulars
17-03-2018	Riemann's rearrangement theorem
18-03-2018	SUNDAY
19-03-2018	Solved examples
20-03-2018	Multiplication of series, product theorem Cauchy's theorems
21-03-2018	Martins theorem, Cesar's theorem
22-03-2018	Abel's theorem, solved examples
23-03-2018	<u>SHAHEEDI DIWAS OF BHAGAT SINGH, RAJGURU & SUKHDEV</u>
24-03-2018	Infinite product, convergence, solved examples
25-03-2018	SUNDAY/ RAM NAVMI
26-03-2018	Some theorems
27-03-2018	Some important theorems
28-03-2018	Solved examples
29-03-2018	MAHAVIR JAYANTI
30-03-2018	Good Friday
31-03-2018	Absolute convergence and other theorems

Month : April 2018

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Solved examples
03-04-2018	Class test
04-04-2018	Revision
05-04-2018	Exercise problem
06-04-2018	Class test
07-04-2018	Revision
08-04-2018	SUNDAY
09-04-2018	Exercise problem
10-04-2018	Class test
11-04-2018	Revision
12-04-2018	Exercise problem
13-04-2018	Class test
14-04-2018	<u>DR AMBEDKAR JAYANTI / VAISAKHI</u>
15-04-2018	SUNDAY
16-04-2018	Revision

Month

: April 2018

Date	Particulars
17-04-2018	Exercise problem
18-04-2018	<u>PARASHURAMA JAYANTI</u>
19-04-2018	Solved examples
20-04-2018	Class test
21-04-2018	
22-04-2018	SUNDAY
23-04-2018	
24-04-2018	
25-04-2018	
26-04-2018	
27-04-2018	
28-04-2018	
29-04-2018	
30-04-2018	