

**NBGSMS College**  
**Lesson Plan July 2019- Nov 2019**

**Name:**  
**Class :**  
**Semester:**  
**Subject:**

**Mrs. Srishti Sahrawat**  
**B.Sc.**  
**3**  
**advanced calculus**

	Day	Date	Topic
<b>1st Week</b>	1	16-Jul-19	Introduction of Advanced Calculus
	2	17-Jul-19	Continuity
	3	18-Jul-19	Sequential Continuity
	4	19-Jul-19	Properties of continuous functions
	5	20-Jul-19	Problem based on continuity
	<b>Sunday</b>	21-Jul-19	
<b>2nd Week</b>	1	22-Jul-19	Problem based on uniform continuity
	2	23-Jul-19	Chain rule of differentiability
	3	24-Jul-19	Problem based on Differentiability
	4	25-Jul-19	Problem based on Differentiability
	5	26-Jul-19	Activity
	6	27-Jul-19	Mean value theorems
	<b>Sunday</b>	28-Jul-19	
<b>3rd week</b>	1	29-Jul-19	uniform continuity
	2	30-Jul-19	activity
	3	31-Jul-19	<b>Holiday</b>
	4	1-Aug-19	Geometrical Interpretation of Mean value theorem
	5	2-Aug-19	Rolle's Theorem
	6	3-Aug-19	Problem based on Rolles Theorem
	<b>Sunday</b>	4-Aug-19	
<b>4th week</b>	1	5-Aug-19	Problem Based on Lagrange mean value theorem
	2	6-Aug-19	Geometrical interpretations on Lagrange mean value theorem
	3	7-Aug-19	Taylor's Theorem
	4	8-Aug-19	Taylor's Theorem
	5	9-Aug-19	practical problems based on taylor's theorem
	6	10-Aug-19	Darboux intermediate value theorem for derivatives
	<b>Sunday</b>	11-Aug-19	Darboux intermediate value theorem for derivatives
<b>5th week</b>	1	12-Aug-19	Indeterminate forms
	2	13-Aug-19	Problem based on Indeterminate forms
	3	14-Aug-19	Activity
	4	15-Aug-19	independence day
	5	16-Aug-19	Problem based on Indeterminate forms
	6	17-Aug-19	Id-ul-Zuha(Bakrid)

	<b>Sunday</b>	18-Aug-19	
<b>6th week</b>	1	19-Aug-19	Activity
	2	20-Aug-19	Problem based on limit
	3	21-Aug-19	Continuity of real valued functions of two variables
	4	22-Aug-19	Problem based on Continuity
	5	23-Aug-19	Partial differentiation
	6	24-Aug-19	Problem based on partial differentiation
	<b>Sunday</b>	25-Aug-19	
<b>7th week</b>	1	26-Aug-19	activity
	2	27-Aug-19	darboux theorem
	3	28-Aug-19	intermediate forms
	4	29-Aug-19	limit of real valued function of two variables
	5	30-Aug-19	theorem based on limit
	6	31-Aug-19	activity
	<b>Sunday</b>	1-Sep-19	
<b>8th week</b>	1	2-Sep-19	Problem based on partial differentiation
	2	3-Sep-19	Janamshatmi
	3	4-Sep-19	Problem based on partial differentiation
	4	5-Sep-19	Total Differentials
	5	6-Sep-19	Problem based on total differentiation
	6	7-Sep-19	Problem based on total differentiation
	<b>Sunday</b>	8-Sep-19	
<b>9th week</b>	1	9-Sep-19	Problem based on Composite function
	2	10-Sep-19	implicit functions
	3	11-Sep-19	Problem based on implict functions
	4	12-Sep-19	Change of variables
	5	13-Sep-19	Activity
	6	14-Sep-19	Problem based on change of variables
	<b>Sunday</b>	15-Sep-19	Problem based on change of variables
<b>10th week</b>	1	16-Sep-19	Euler's theorem of homogeneous functions
	2	17-Sep-19	Problem based on Euler theorem
	3	18-Sep-19	Activity
	4	19-Sep-19	Problem based on Euler theorem
	5	20-Sep-19	Taylor's theorem for functions of two variables
	6	21-Sep-19	Problem based on Taylor's theorem for functions of two variable:
	<b>Sunday</b>	22-Sep-19	
<b>11th week</b>	1	23-Sep-19	Problem based on Taylor's theorem for functions of two variable:
	2	24-Sep-19	Problem based on Taylor's theorem for functions of two variable:
	3	25-Sep-19	Practice problem based on unit-2
	4	26-Sep-19	Mahatma Gandhi Jaynti
	5	27-Sep-19	Differentiability of real valued functions of two variables

	6	28-Sep-19	Problem based on Differentiability
	<b>Sunday</b>	29-Sep-19	
<b>12th week</b>	1	30-Sep-19	Schwarz theorem
	2	1-Oct-19	Schwarz theorem
	3	2-Oct-19	Maharaja Agrasen Jayanti
	4	3-Oct-19	Problem based on Schwarz theorem
	5	4-Oct-19	Problem based on Schwarz theorem
	6	5-Oct-19	Activity
	<b>Sunday</b>	6-Oct-19	
<b>13th week</b>	1	7-Oct-19	Young's theorem
	2	8-Oct-19	Problem based on Young's theorem
	3	9-Oct-19	Dussehra
	4	10-Oct-19	Problem based on Young's theorem
	5	11-Oct-19	Problem based on Young's theorem
	6	12-Oct-19	Implicit function theorem
	<b>Sunday</b>	13-Oct-19	Maxima and Minima of two variables
<b>14th week</b>	1	14-Oct-19	Saddle points of two variables
	2	15-Oct-19	Lagrange's Method of Multipliers
	3	16-Oct-19	Lagrange's Method of Multipliers
	4	17-Oct-19	Tangents, Principal normals, Binormals
	5	18-Oct-19	Serret-Frenet formulae
	6	19-Oct-19	Locus of the centre of curvature
	<b>Sunday</b>	20-Oct-19	
<b>15th week</b>	1	21-Oct-19	activity
	2	22-Oct-19	composite functions
	3	23-Oct-19	homogenous function
	4	24-Oct-19	Vacations
	5	25-Oct-19	Vacations
	6	26-Oct-19	Vacations
	<b>Sunday</b>	27-Oct-19	
<b>16th week</b>	1	28-Oct-19	Vacations
	2	29-Oct-19	Vacations
	3	30-Oct-19	Vacations
	4	31-Oct-19	Vacations
	5	1-Nov-19	Haryana Day
	6	2-Nov-19	Spherical curvature, Locus of centre of Spherical curvature
	<b>Sunday</b>	3-Nov-19	
<b>17th week</b>	1	4-Nov-19	bertand curves
	2	5-Nov-19	tangent planes
	3	6-Nov-19	One parameter family of surfaces, Envelopes
	4	7-Nov-19	Implicit function theorem

	5	8-Nov-19	Maxima and Minima of two variables
	6	9-Nov-19	Maharishi Valmiki's Birthday
	<b>Sunday</b>	10-Nov-19	
<b>18th week</b>	1	11-Nov-19	Lagrange's Method of Multipliers
	2	12-Nov-19	Tangents, Principal normals, Binormals
	3	13-Nov-19	Serret-Frenet formulae
	4	14-Nov-19	Locus of the centre of curvature
	5	15-Nov-19	saddle points of two variables
	6	16-Nov-19	Lagrange's Method of Multipliers
	<b>Sunday</b>	17-Nov-19	
<b>Name:</b>	<b>Mrs. Srishti Sahrawat</b>		
<b>Class :</b>	<b>B.Sc.</b>		
<b>Semester:</b>	3rd		
<b>subject:</b>	partial differential equations		
	<b>Day</b>	<b>Date</b>	<b>Topic</b>
<b>1st Week</b>	1	16-Jul-19	Introduction of Partial Differentiation
	2	17-Jul-19	Formation of Partial Differentiation equation by elimination of ar
	3	18-Jul-19	Formation of Partial Differentiation equation by elimination of ar
	4	19-Jul-19	Formation of Partial Differentiation equation by elimination of ar
	5	20-Jul-19	Formation of Partial Differentiation equation by elimination of ar
	<b>Sunday</b>	21-Jul-19	
<b>2nd Week</b>	1	22-Jul-19	linear Partial differential equations of the first order
	2	23-Jul-19	linear Partial differential equations of the first order
	3	24-Jul-19	Complementary solution of linear Partial differential equations o
	4	25-Jul-19	Complementary solution of linear Partial differential equations o
	5	26-Jul-19	Particular solution of linear Partial differential equations of the fi
	6	27-Jul-19	Particular solution of linear Partial differential equations of the fi
	<b>Sunday</b>	28-Jul-19	
<b>3rd week</b>	1	29-Jul-19	Particular solution of linear Partial differential equations of the fi
	2	30-Jul-19	Complete solution of linear Partial differential equations of the fi
	3	31-Jul-19	Complete solution of linear Partial differential equations of the fi
	4	1-Aug-19	Lagrange linear differential equatin
	5	2-Aug-19	Shaheed Udham Singh's Martyrdom Day
	6	3-Aug-19	Particular solution of linear Partial differential equations of the fi
	<b>Sunday</b>	4-Aug-19	
<b>4th week</b>	1	5-Aug-19	Lagrange linear differential equatin
	2	6-Aug-19	Lagrange linear differential equatin
	3	7-Aug-19	Lagrange linear differential equatin
	4	8-Aug-19	Lagrange linear differential equatin
	5	9-Aug-19	singular solution of PDE first order
	6	10-Aug-19	Jacobi's method

	<b>Sunday</b>	11-Aug-19	
<b>5th week</b>	1	12-Aug-19	Charpit's general method of solution
	2	13-Aug-19	Charpit's general method of solution
	3	14-Aug-19	Charpit's general method of solution
	4	15-Aug-19	Partial differential equation with variable coefficient reducible to
	5	16-Aug-19	Partial differential equation with variable coefficient reducible to
	6	17-Aug-19	Partial differential equation with variable coefficient reducible to
	<b>Sunday</b>	18-Aug-19	
<b>6th week</b>	1	19-Aug-19	Complimentary functions and particular Integrals of pde with var
	2	20-Aug-19	Complimentary functions and particular Integrals of pde with var
	3	21-Aug-19	Complimentary functions and particular Integrals of pde with var
	4	22-Aug-19	Complimentary functions and particular Integrals of pde with var
	5	23-Aug-19	Complimentary functions and particular Integrals of pde with var
	6	24-Aug-19	Equations reducible to linear equations with constant coefficient
	<b>Sunday</b>	25-Aug-19	Equations reducible to linear equations with constant coefficient
<b>7th week</b>	1	26-Aug-19	Equations reducible to linear equations with constant coefficient
	2	27-Aug-19	Equations reducible to linear equations with constant coefficient
	3	28-Aug-19	Equations reducible to linear equations with constant coefficient
	4	29-Aug-19	Reduction of second order parabolic LDE in Canonical form and th
	5	30-Aug-19	Reduction of second order ellipticLDE in Canonical form and thei
	6	31-Aug-19	Reduction of second order ellipticLDE in Canonical form and thei
	<b>Sunday</b>	1-Sep-19	
<b>8th week</b>	1	2-Sep-19	Reduction of second orde LDE in Canonical form and their solutio
	2	3-Sep-19	Reduction of second order LDE in Canonical form and their solutio
	3	4-Sep-19	Movre's method
	4	5-Sep-19	Janamshatmi
	5	6-Sep-19	Movre's method
	6	7-Sep-19	Movre's method
	<b>Sunday</b>	8-Sep-19	
<b>9th week</b>	1	9-Sep-19	Characteristic curves of second order partial differential equation
	2	10-Sep-19	characteristic curves of second order partial differential equation
	3	11-Sep-19	characteristic curves of second order partial differential equation
	4	12-Sep-19	Method of separation of Variables
	5	13-Sep-19	Solution of Laplace's equation
	6	14-Sep-19	Solution of Laplace's equation
	<b>Sunday</b>	15-Sep-19	
<b>10th week</b>	1	16-Sep-19	Wave equation (one and two dimensions),
	2	17-Sep-19	Heat equation (one and two dimension) in Cartesian Co-ordinate
	3	18-Sep-19	Heat equation (one and two dimension) in Cartesian Co-ordinate
	4	19-Sep-19	Problem based on Heat equation
	5	20-Sep-19	Problem based on Heat equation

	6	21-Sep-19	Problem based on linear differential equation of first order
	<b>Sunday</b>	22-Sep-19	
<b>11th week</b>	1	23-Sep-19	Revision based on unit-1
	2	24-Sep-19	Revision based on unit-1
	3	25-Sep-19	Revision based on unit-1
	4	26-Sep-19	Solution of Laplace's equation
	5	27-Sep-19	Solution of Laplace's equation
	6	28-Sep-19	Solution of Laplace's equation
	<b>Sunday</b>	29-Sep-19	
<b>12th week</b>	1	30-Sep-19	Solution of Laplace's equation
	2	1-Oct-19	Practice problem based on unit-2
	3	2-Oct-19	Mahatma Gandhi Jaynti
	4	3-Oct-19	Practice problem based on unit-2
	5	4-Oct-19	Practice problem based on unit-2
	6	5-Oct-19	Practice problem based on unit-2
	<b>Sunday</b>	6-Oct-19	
<b>13th week</b>	1	7-Oct-19	Practice problem based on unit-3
	2	8-Oct-19	Practice problem based on unit-3
	3	9-Oct-19	Maharaja Agrasen Jayanti
	4	10-Oct-19	Practice problem based on unit-3
	5	11-Oct-19	Practice problem based on unit-3
	6	12-Oct-19	Practice problem based on unit-3
	<b>Sunday</b>	13-Oct-19	
<b>14th week</b>	1	14-Oct-19	Discussion on class test question
	2	15-Oct-19	Dussehra
	3	16-Oct-19	Previous year question based on unit 1
	4	17-Oct-19	Previous year question based on unit 1
	5	18-Oct-19	Practice problem based on unit-4
	6	19-Oct-19	Practice problem based on unit-4
	<b>Sunday</b>	20-Oct-19	
<b>15th week</b>	1	21-Oct-19	Practice problem based on unit-4
	2	22-Oct-19	Practice problem based on unit-4
	3	23-Oct-19	Previous year question based on unit 2
	4	24-Oct-19	
	5	25-Oct-19	
	6	26-Oct-19	
	<b>Sunday</b>	27-Oct-19	
<b>16th week</b>	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	
	4	31-Oct-19	class test unit 1

	5	1-Nov-19	<b>Holiday</b>
	6	2-Nov-19	Practice problem based on unit-2
	<b>Sunday</b>	3-Nov-19	
<b>17th week</b>	1	4-Nov-19	
	2	5-Nov-19	Practice problem based on unit-2
	3	6-Nov-19	Practice problem based on unit-2
	4	7-Nov-19	Practice problem based on unit-2
	5	8-Nov-19	Practice problem based on unit-3
	6	9-Nov-19	Practice problem based on unit-3
	<b>Sunday</b>	10-Nov-19	
<b>18th week</b>	1	11-Nov-19	Practice problem based on unit-3
	2	12-Nov-19	Practice problem based on unit-3
	3	13-Nov-19	Practice problem based on unit-3
	4	14-Nov-19	Class test based on unit 2
	5	15-Nov-19	Discussion on class test question
	6	16-Nov-19	Discussion on class test question
	<b>Sunday</b>	17-Nov-19	

<b>Name:</b>	<b>Mrs. Srishti sahrawat</b>
<b>Class :</b>	B.Sc
<b>Semester:</b>	3rd
<b>Subject:</b>	statics

	Day	Date	Topic
<b>1st Week</b>	1	16-Jul-19	Introduction of statics
	2	17-Jul-19	Forces acting at a point
	3	18-Jul-19	Parallelogram law of forces
	4	19-Jul-19	Magnitude and Direction of the resultant
	5	20-Jul-19	Problem based on magnitude and direction of the resultant
	<b>Sunday</b>	21-Jul-19	
<b>2nd Week</b>	1	22-Jul-19	Problem based on magnitude and direction of the resultant
	2	23-Jul-19	Problem based on magnitude and direction of the resultant
	3	24-Jul-19	Resolution of a given force in two given direction
	4	25-Jul-19	Problem based on Resolve part of a given force
	5	26-Jul-19	Triangle law of forces
	6	27-Jul-19	Converse of the triangle law
	<b>Sunday</b>	28-Jul-19	
<b>3rd week</b>	1	29-Jul-19	Theorem based on triangle of forces
	2	30-Jul-19	Theorem based on triangle of forces

	3	31-Jul-19	<b>Holiday</b>
	4	1-Aug-19	Problem based on theorem n triangle law
	5	2-Aug-19	Lami theorem
	6	3-Aug-19	Converse of Lami theorem
	<b>Sunday</b>	4-Aug-19	
<b>4th week</b>	1	5-Aug-19	Resultant of two like parallel forces
	2	6-Aug-19	Resultant of two unlike parallel forces
	3	7-Aug-19	Problem based on parallel forces
	4	8-Aug-19	Moments
	5	9-Aug-19	Problem based on moments
	6	10-Aug-19	Problem based on moments
	<b>Sunday</b>	11-Aug-19	
<b>5th week</b>	1	12-Aug-19	Problem based on couples
	2	13-Aug-19	Problem based on couples
	3	14-Aug-19	Problem based on couples
	4	15-Aug-19	Analytical condition of Equilibrium of coplaner forces
	5	16-Aug-19	Analytical condition of Equilibrium of coplaner forces
	6	17-Aug-19	Id-ul-Zuha(Bakrid)
	<b>Sunday</b>	18-Aug-19	
<b>6th week</b>	1	19-Aug-19	Analytical condition of Equilibrium of coplaner forces
	2	20-Aug-19	Friction
	3	21-Aug-19	Friction
	4	22-Aug-19	Friction
	5	23-Aug-19	Friction
	6	24-Aug-19	Friction
	<b>Sunday</b>	25-Aug-19	
<b>7th week</b>	1	26-Aug-19	Problem based on Lami theorem
	2	27-Aug-19	parallel forces
	3	28-Aug-19	Problem based on moments
	4	29-Aug-19	Couples
	5	30-Aug-19	Analytical condition of Equilibrium of coplaner forces
	6	31-Aug-19	Analytical condition of Equilibrium of coplaner forces
	<b>Sunday</b>	1-Sep-19	
<b>8th week</b>	1	2-Sep-19	Centre of gravity
	2	3-Sep-19	Janamshatmi
	3	4-Sep-19	Centre of gravity
	4	5-Sep-19	Centre of gravity
	5	6-Sep-19	Centre of gravity
	6	7-Sep-19	Centre of gravity
	<b>Sunday</b>	8-Sep-19	
<b>9th week</b>	1	9-Sep-19	Virtual work



	2	10-Sep-19	Virtual work
	3	11-Sep-19	Virtual work
	4	12-Sep-19	Virtual work
	5	13-Sep-19	Virtual work
	6	14-Sep-19	Forces in three dimension
	<b>Sunday</b>	15-Sep-19	
<b>10th week</b>	1	16-Sep-19	Forces in three dimension
	2	17-Sep-19	Forces in three dimension
	3	18-Sep-19	Forces in three dimension
	4	19-Sep-19	Wrenches
	5	20-Sep-19	Wrenches
	6	21-Sep-19	Wrenches
	<b>Sunday</b>	22-Sep-19	
<b>11th week</b>	1	23-Sep-19	Wrenches
	2	24-Sep-19	Centre of gravity
	3	25-Sep-19	Virtual work
	4	26-Sep-19	Forces in three dimension
	5	27-Sep-19	Forces in three dimension
	6	28-Sep-19	Wrenches
	<b>Sunday</b>	29-Sep-19	
<b>12th week</b>	1	30-Sep-19	Wrenches
	2	1-Oct-19	Null lines and Null planes
	3	2-Oct-19	Mahatma Gandhi Jaynti
	4	3-Oct-19	Null lines and Null planes
	5	4-Oct-19	Null lines and Null planes
	6	5-Oct-19	Null lines and Null planes
	<b>Sunday</b>	6-Oct-19	
<b>13th week</b>	1	7-Oct-19	Stable Equilibrium
	2	8-Oct-19	Maharaja Agrasen Jayanti
	3	9-Oct-19	Stable Equilibrium
	4	10-Oct-19	Stable Equilibrium
	5	11-Oct-19	Stable Equilibrium
	6	12-Oct-19	Unstable Equilibrium
	<b>Sunday</b>	13-Oct-19	
<b>14th week</b>	1	14-Oct-19	Dussehra
	2	15-Oct-19	Previous year question based on stable and unstable equilibrium
	3	16-Oct-19	Previous year question based on stable and unstable equilibrium
	4	17-Oct-19	Previous year question based on stable and unstable equilibrium
	5	18-Oct-19	Previous year question based on stable and unstable equilibrium
	6	19-Oct-19	Previous year question based on stable and unstable equilibrium
	<b>Sunday</b>	20-Oct-19	

<b>15th week</b>	1	21-Oct-19	Practice problem based on unit-1
	2	22-Oct-19	Practice problem based on unit-2
	3	23-Oct-19	Previous year question based on unit 2
	4	24-Oct-19	
	5	25-Oct-19	
	6	26-Oct-19	
	<b>Sunday</b>	27-Oct-19	
			Vacations
<b>16th week</b>	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	
	4	31-Oct-19	
	5	1-Nov-19	<b>Holiday</b>
	6	2-Nov-19	Null lines and Null planes
	<b>Sunday</b>	3-Nov-19	
<b>17th week</b>	1	4-Nov-19	Stable Equilibrium
	2	5-Nov-19	Unstable Equilibrium
	3	6-Nov-19	Unstable Equilibrium
	4	7-Nov-19	Practice problem based on unit-1
	5	8-Nov-19	Previous year question based on unit 3
	6	9-Nov-19	Previous year question based on unit 3
	<b>Sunday</b>	10-Nov-19	
<b>18th week</b>	1	11-Nov-19	Previous year question based on stable and unstable equilibrium
	2	12-Nov-19	Previous year question based on stable and unstable equilibrium
	3	13-Nov-19	Previous year question based on unit 4
	4	14-Nov-19	Practice problem based on unit-1
	5	15-Nov-19	Practice problem based on unit-1
	6	16-Nov-19	Practice problem based on unit-2
	<b>Sunday</b>	17-Nov-19	

<b>Name:</b>	<b>Mrs. Srishti Sahrawat</b>
<b>Class :</b>	B.SC.
<b>Semester:</b>	1st
<b>Subject:</b>	algebra

	<b>Day</b>	<b>Date</b>	<b>Topic</b>
<b>1st Week</b>	1	16-Jul-19	Introduction of Matrices, type of Matrices
	2	17-Jul-19	problem based on symmetric, Hermitian n skew Hermitian Matrices
	3	18-Jul-19	Rank of matrices, Row rank and column rank of a matrix.
	4	19-Jul-19	Elementary operation on Matrices
	5	20-Jul-19	Row reduced Echelon form
	<b>Sunday</b>	21-Jul-19	

<b>2nd Week</b>	1	22-Jul-19	Inverse of matrices by using elementary transformation
	2	23-Jul-19	Eigenvalues, eigenvectors and the characteristic equation of a matrix
	3	24-Jul-19	Problem based on eigen value, eigen vector of a matrix
	4	25-Jul-19	Cayley-Hamilton theorem of a matrix
	5	26-Jul-19	Problem based on Cayley-Hamilton theorem of a matrix
	6	27-Jul-19	Theorem based on matrices
	<b>Sunday</b>	28-Jul-19	
<b>3rd week</b>	1	29-Jul-19	HOLIDAY
	2	30-Jul-19	Column reduced Echelon form
	3	31-Jul-19	<b>Holiday</b>
	4	1-Aug-19	Applications of matrices to a system of linear equation
	5	2-Aug-19	Discuss consistency of following system of equation
	6	3-Aug-19	Problem based on System of non-homogeneous equation
	<b>Sunday</b>	4-Aug-19	
<b>4th week</b>	1	5-Aug-19	Problem based on System of homogeneous equation
	2	6-Aug-19	Unitary and Orthogonal Matrices
	3	7-Aug-19	Problem based on unitary Matrices
	4	8-Aug-19	Problem based on Orthogonal Matrices
	5	9-Aug-19	Bilinear and Quadratic forms.
	6	10-Aug-19	HOLIDAY
	<b>Sunday</b>	11-Aug-19	
<b>5th week</b>	1	12-Aug-19	HOLIDAY
	2	13-Aug-19	Problem based on all covered topics of section 2
	3	14-Aug-19	Problem based on all covered topics of section 2
	4	15-Aug-19	ACTIVITY
	5	16-Aug-19	Relations between the roots and coefficients of general equation
	6	17-Aug-19	Problem based on distinct roots
	<b>Sunday</b>	18-Aug-19	HOLIDAY
<b>6th week</b>	1	19-Aug-19	Problem based on reciprocal roots
	2	20-Aug-19	Problem based on equal roots
	3	21-Aug-19	Problem based on roots connected by relation
	4	22-Aug-19	Solutions of polynomial equations having conditions on roots.
	5	23-Aug-19	Solutions of polynomial equations having conditions on roots.
	6	24-Aug-19	Problem based on solution of polynomial equation
	<b>Sunday</b>	25-Aug-19	
<b>7th week</b>	1	26-Aug-19	Problem based on System of non-homogeneous equation
	2	27-Aug-19	Problem based on Quadratic form
	3	28-Aug-19	Problem based on Quadratic form
	4	29-Aug-19	Problem based on repeated roots
	5	30-Aug-19	Problem based on solution of polynomial equation
	6	31-Aug-19	Problem based on solution of polynomial equation
	<b>Sunday</b>	1-Sep-19	

<b>8th week</b>	1	2-Sep-19	Common roots and multiple roots
	2	3-Sep-19	Common roots and multiple roots
	3	4-Sep-19	HOLIDAY
	4	5-Sep-19	Transformation of equations.
	5	6-Sep-19	Problem based on Transformation of equations.
	6	7-Sep-19	Problem based on Transformation of equations.
	<b>Sunday</b>	8-Sep-19	
<b>9th week</b>	1	9-Sep-19	Problem based on covered all topics of algebra
	2	10-Sep-19	Nature of the roots of an equation by discarte rule
	3	11-Sep-19	Nature of the roots of an equation by discarte rule
	4	12-Sep-19	Nature of the roots of an equation by discarte rule
	5	13-Sep-19	Discuss the nature of cubic roots
	6	14-Sep-19	ACTIVITY
	<b>Sunday</b>	15-Sep-19	
<b>10th week</b>	1	16-Sep-19	Solution of cubic equation by Cardon method
	2	17-Sep-19	Solution of cubic equation by Cardon method
	3	18-Sep-19	Solution of cubic equation by Cardon method
	4	19-Sep-19	ACTIVITY
	5	20-Sep-19	Biquadratic equations
	6	21-Sep-19	Problembased on Biquadratic equation by Descarte method
	<b>Sunday</b>	22-Sep-19	
<b>11th week</b>	1	23-Sep-19	Problembased on Biquadratic equation by Descarte method
	2	24-Sep-19	Problembased on Biquadratic equation by Descarte method
	3	25-Sep-19	ACTIVITY
	4	26-Sep-19	Problem based on section-3
	5	27-Sep-19	ACTIVITY
	6	28-Sep-19	Solution of cubic equation by Cardon method
	<b>Sunday</b>	29-Sep-19	
<b>12th week</b>	1	30-Sep-19	Problembased on Biquadratic equation by Descarte method
	2	1-Oct-19	Problembased on Biquadratic equation by Ferrari method
	3	2-Oct-19	HOLIDAY
	4	3-Oct-19	Problembased on Biquadratic equation by Ferrari method
	5	4-Oct-19	Problembased on Biquadratic equation by Ferrari method
	6	5-Oct-19	Problembased on Biquadratic equation by Ferrari method
	<b>Sunday</b>	6-Oct-19	
<b>13th week</b>	1	7-Oct-19	Problem based on section-4
	2	8-Oct-19	HOLIDAY
	3	9-Oct-19	Problem based on section-4
	4	10-Oct-19	Problem based on section-4
	5	11-Oct-19	Problem based on section-4
	6	12-Oct-19	Revision based on unit 1

	<b>Sunday</b>	13-Oct-19	
<b>14th week</b>	1	14-Oct-19	HOLIDAY
	2	15-Oct-19	Revision based on unit 1
	3	16-Oct-19	ACTIVITY
	4	17-Oct-19	Revision based on unit 2
	5	18-Oct-19	Revision based on unit 2
	6	19-Oct-19	HOLIDAY
	<b>Sunday</b>	20-Oct-19	
<b>15th week</b>	1	21-Oct-19	HOLIDAY
	2	22-Oct-19	Revision based on unit 3
	3	23-Oct-19	Revision based on unit 4
	4	24-Oct-19	
	5	25-Oct-19	
	6	26-Oct-19	
	<b>Sunday</b>	27-Oct-19	
			Vacations
<b>16th week</b>	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	
	4	31-Oct-19	Revision based on unit 1
	5	1-Nov-19	<b>Holiday</b>
	6	2-Nov-19	Revision based on unit 3
	<b>Sunday</b>	3-Nov-19	
<b>17th week</b>	1	4-Nov-19	Revision based on unit 3
	2	5-Nov-19	ACTIVITY
	3	6-Nov-19	Problem based on section-4
	4	7-Nov-19	Revision based on unit 4
	5	8-Nov-19	Revision based on unit 4
	6	9-Nov-19	Revision based on unit 4
	<b>Sunday</b>	10-Nov-19	
<b>18th week</b>	1	11-Nov-19	Revision based on unit 3
	2	12-Nov-19	Revision based on unit 3
	3	13-Nov-19	Revision based on unit 2
	4	14-Nov-19	Revision based on unit 2
	5	15-Nov-19	Revision based on unit 4
	6	16-Nov-19	Revision based on unit 4
	<b>Sunday</b>	17-Nov-19	

<b>Name:</b>	<b>Mrs. Srishti sahrawat</b>
<b>Class :</b>	BBA
<b>Semester:</b>	1

<b>Subject:</b>		business mathematics	
	<b>Day</b>	<b>Date</b>	<b>Topic</b>
<b>1st Week</b>	1	16-Jul-19	Introduction Theory of Sets
	2	17-Jul-19	Types of Sets
	3	18-Jul-19	Presentation of Sets
	4	19-Jul-19	Equality of Sets
	5	20-Jul-19	Union of Sets
	<b>Sunday</b>	21-Jul-19	
<b>2nd Week</b>	1	22-Jul-19	Complement of sets
	2	23-Jul-19	Difference of Sets
	3	24-Jul-19	Venn Diagram of sets
	4	25-Jul-19	Cartesian Product of two Sets
	5	26-Jul-19	Cartesian Product of two Sets continued
	6	27-Jul-19	Applications of Set Theory
	<b>Sunday</b>	28-Jul-19	
<b>3rd week</b>	1	29-Jul-19	Union of Sets continued
	2	30-Jul-19	Intersection of sets
	3	31-Jul-19	<b>Holiday</b>
	4	1-Aug-19	Applications of Set Theory continued
	5	2-Aug-19	Introduction of permutation
	6	3-Aug-19	Performing works by permutation
	<b>Sunday</b>	4-Aug-19	
<b>4th week</b>	1	5-Aug-19	Permutations of r things chosen out of n dissimilar things
	2	6-Aug-19	Factorial notation
	3	7-Aug-19	Permutation of n things arranged among themselves
	4	8-Aug-19	Permutation of n things arranged among themselves continued
	5	9-Aug-19	Permutations theorems
	6	10-Aug-19	Permutations theorems
	<b>Sunday</b>	11-Aug-19	
<b>5th week</b>	1	12-Aug-19	Miscellaneous Permutations questions
	2	13-Aug-19	Miscellaneous Permutations questions continued
	3	14-Aug-19	Introduction of combination
	4	15-Aug-19	Combinations theorems
	5	16-Aug-19	Combinations theorems continued
	6	17-Aug-19	Complementary combinations
	<b>Sunday</b>	18-Aug-19	
<b>6th week</b>	1	19-Aug-19	Types of combinations theorems continued
	2	20-Aug-19	Combinations of m+n objects
	3	21-Aug-19	Combinations of m+n objects continued
	4	22-Aug-19	Combinations of r things taken out of give n things
	5	23-Aug-19	Combinations of r things taken out of give n things continued

	6	24-Aug-19	Miscellaneous of permutations and combinations
	<b>Sunday</b>	25-Aug-19	
<b>7th week</b>	1	26-Aug-19	Miscellaneous of permutations and combinations continued
	2	27-Aug-19	Complementary combinations continued
	3	28-Aug-19	Types of combinations theorems
	4	29-Aug-19	Miscellaneous of permutations and combinations continued
	5	30-Aug-19	Miscellaneous of permutations and combinations continued
	6	31-Aug-19	Miscellaneous of permutations and combinations continued
	<b>Sunday</b>	1-Sep-19	
<b>8th week</b>	1	2-Sep-19	Introduction of arithmetical progression
	2	3-Sep-19	General of arithmetical progression
	3	4-Sep-19	General of arithmetical progression continued
	4	5-Sep-19	Sum of finite number of quantities in A.P.
	5	6-Sep-19	Sum of finite number of quantities in A.P. continued
	6	7-Sep-19	Miscellaneous of progression series
	<b>Sunday</b>	8-Sep-19	
<b>9th week</b>	1	9-Sep-19	Insert n arithmetic means between two given quantities continued
	2	10-Sep-19	Exercise of A P
	3	11-Sep-19	Exercise of A P continued
	4	12-Sep-19	Exercise of A P continued
	5	13-Sep-19	Introduction of G.P.
	0	14-Sep-19	Introduction of G.P. continued
	<b>Sunday</b>	15-Sep-19	
<b>10th week</b>	1	16-Sep-19	nth term of G.P. continued
	2	17-Sep-19	Sum of first n terms of G.P.
	3	18-Sep-19	Sum of first n terms of G.P. continued
	4	19-Sep-19	Sum of infinity of a G.P. when r less than one
	5	20-Sep-19	Sum of infinity of a G.P. when r less than one continued
	6	21-Sep-19	Sum of infinity of a G.P. when r greater than one
	<b>Sunday</b>	22-Sep-19	
<b>11th week</b>	1	23-Sep-19	Geometric mean continued
	2	24-Sep-19	Insert n arithmetic means between two given quantities
	3	25-Sep-19	Insert n arithmetic means between two given quantities continued
	4	26-Sep-19	nth term of G.P.
	5	27-Sep-19	Sum of infinity of a G.P. when r greater than one
	6	28-Sep-19	Geometric mean
	<b>Sunday</b>	29-Sep-19	
<b>12th week</b>	1	30-Sep-19	Geometric mean
	2	1-Oct-19	Introduction of Data interpretation
	3	2-Oct-19	Types of data
	4	3-Oct-19	Types of data continued

	5	4-Oct-19	Significance of Data interpretation
	6	5-Oct-19	Significance of Data interpretation continued
	<b>Sunday</b>	6-Oct-19	
<b>13th week</b>	1	7-Oct-19	Tabulation
	2	8-Oct-19	Tabulation continued
	3	9-Oct-19	Tabulation continued
	4	10-Oct-19	Tabulation continued
	5	11-Oct-19	Bar graphs
	6	12-Oct-19	Bar graphs continued
	<b>Sunday</b>	13-Oct-19	
<b>14th week</b>	1	14-Oct-19	Pie charts continued
	2	15-Oct-19	Pie charts continued
	3	16-Oct-19	Line graphs
	4	17-Oct-19	Line graphs continued
	5	18-Oct-19	Line graphs continued
	6	19-Oct-19	Mix graphs
	<b>Sunday</b>	20-Oct-19	
<b>15th week</b>	1	21-Oct-19	Mix graphs continued
	2	22-Oct-19	Mix graphs continued
	3	23-Oct-19	Mix graphs continued
	4	24-Oct-19	
	5	25-Oct-19	
	6	26-Oct-19	
	<b>Sunday</b>	27-Oct-19	
			Vacations
<b>16th week</b>	1	28-Oct-19	
	2	29-Oct-19	
	3	30-Oct-19	
	4	31-Oct-19	Approaches to data interpretation
	5	1-Nov-19	<b>Holiday</b>
	6	2-Nov-19	Approaches to data interpretation
	<b>Sunday</b>	3-Nov-19	
<b>17th week</b>	1	4-Nov-19	Approaches to data interpretation continued
	2	5-Nov-19	Pie charts
	3	6-Nov-19	Mix graphs continued
	4	7-Nov-19	Mix graphs continued
	5	8-Nov-19	Bar graphs continued
	6	9-Nov-19	Bar graphs continued
	<b>Sunday</b>	10-Nov-19	
<b>18th week</b>	1	11-Nov-19	Revision of unit 1
	2	12-Nov-19	Revision of unit 2
	3	13-Nov-19	Revision of unit 3



	4	14-Nov-19	Revision of unit 4
	5	15-Nov-19	Revision continued
	6	16-Nov-19	Revision continued
	<b>Sunday</b>	17-Nov-19	



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variable coefficient  
variable  
variable coefficient

particular solution  
homogeneous solution  
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homogeneous

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