

Mathematics.
Section A, and Section B

Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor Dr. Anita Gubia

Class B.Sc. II year (IVth Sem) Subject Programming in C and Numerical Methods)

Week	Date	Topic
1	01.01.18	Winter vacation
	02.01.18	Winter vacation
	03.01.18	Winter vacation
	04.01.18	Winter vacation
	05.01.18	Winter vacation
	06.01.18	Basic of computer Algorithms
	07.01.18	Sunday
2	08.01.18	Explain flow charts, some examples on flow charts,
	09.01.18	Explain Data types, Introduce to C
	10.01.18	Types of Data types.
	11.01.18	Discuss about the language C
	12.01.18	Test of Algorithm
	13.01.18	Revised the above topics
	14.01.18	Sunday
3	15.01.18	Explain operation, Arithmetic operation
	16.01.18	Logical, Assignment operators, Relational operators
	17.01.18	Increment and Decrement operators, conditional operators
	18.01.18	special operators, Program of operators
	19.01.18	Revision of operators
	20.01.18	Test
	21.01.18	Sunday
4	22.01.18	Basant Panchami
	23.01.18	Explain Decision control structures
	24.01.18	Explain if statement, if else else if, nest if
	25.01.18	switch statement, goto statement.
	26.01.18	Republic Day
	27.01.18	Test
	28.01.18	Sunday
5	29.01.18	Explain Looping and while statement.
	30.01.18	The do-while statement, The for statement.
	31.01.18	Guru Ravidas Jayanti

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Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor Dr. Anita Guleria

Class B.Sc. II Year (IV Sem) Subject Maths (Programming in C and Numerical methods)

Week	Date	Topic
1	01.02.18	Explain Program of Looping
	02.02.18	Discuss about the Program of Looping
	03.02.18	Test of Looping -
	04.02.18	Sunday
2	05.02.18	Explain functions
	06.02.18	Statement of functions
	07.02.18	Revision
	08.02.18	Test of functions
	09.02.18	Discussion on test
	10.02.18	Maharshi Dayanand Saraswati Jayanti
	11.02.18	Sunday
	12.02.18	The C Preprocessor
3	13.02.18	Maha Shivratri
	14.02.18	Explain Arrays
	15.02.18	Program on Arrays
	16.02.18	Revision on Arrays
	17.02.18	Test on Arrays
	18.02.18	Sunday
	19.02.18	Explain Strings
4	20.02.18	Program on String
	21.02.18	Assignment on String
	22.02.18	Revision on Arrays and String
	23.02.18	Test on strings
	24.02.18	Discussion on Test
	25.02.18	Sunday
	26.02.18	Explain pointers
5	27.02.18	Explain character Arrays
	28.02.18	MDU Holidays

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Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor Dr. Anita Gupta

Class B.Sc. II year (IV Sem) Subject Maths (Programming in C and Numerical Methods)

Week	Date	Topic
1	01.03.18	MDU Holidays
	02.03.18	MDU Holidays
	03.03.18	MDU Holidays
	04.03.18	Sunday
2	05.03.18	Introduction of files in C
	06.03.18	The Getw and Putw Functions
	07.03.18	Program on Functions
	08.03.18	Assignment on Flowcharts and Algorithm
	09.03.18	Test of files in C
	10.03.18	Discussion on Test
	11.03.18	Sunday
3	12.03.18	Explain storage classes
	13.03.18	Automatic variables
	14.03.18	Program of automatic variables
	15.03.18	External variables
	16.03.18	command Line Arguments
	17.03.18	Assignment
	18.03.18	Sunday
4	19.03.18	Do Practical in Lab to generate n-prime numbers
	20.03.18	" " " " calculate compound interest
	21.03.18	" " " " to solve quadratic equations
	22.03.18	" " " " matching of two strings
	23.03.18	Shaheedi Diwas
	24.03.18	" " " " to find GCD of two strings
	25.03.18	Sunday
5	26.03.18	" " " " to calculate the area and perimeter of circle
	27.03.18	" " " " find transpose of a matrix
	28.03.18	" " " " Fibonacci terms using recursion
	29.03.18	Mahavir Jayanti
	30.03.18	Full syllabus Test on C
	31.03.18	Discussion on Test

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Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor ..Dr. Anita Guler.....

Class B.Sc. II year (IV sem) Subject Maths (Programming in C and Numerical methods)

Week	Date	Topic
	01.04.18	Sunday
1	02.04.18	Introduction on Numerical method
	03.04.18	Bisection Method
	04.04.18	Do Practical in Bisection Method
	05.04.18	Test on Bisection Method
	06.04.18	Do Regula - false Method
	07.04.18	Test on Regula - false Method
	08.04.18	Sunday
2	09.04.18	Newton Raphson method
	10.04.18	Do Practical on Newton - Raphson method
	11.04.18	Test on Newton Raphson method
	12.04.18	Discussion on Test
	13.04.18	Gauss Elimination method
	14.04.18	Baisakhi / Ambedkar Jayanti
	15.04.18	Sunday
3	16.04.18	Do Practical on Gauss Elimination method
	17.04.18	Test and Discussion
	18.04.18	Parshuram Jayanti
	19.04.18	Explain Gauss Seidel method
	20.04.18	Do Practical on Gauss Seidel method
	21.04.18	Test on Gauss Seidel method
	22.04.18	Sunday
4	23.04.18	Explain Gauss - Jordan method
	24.04.18	Do Practical on Gauss - Jordan method
	25.04.18	Test on Gauss - Jordan method
	26.04.18	Explain Crout's method
	27.04.18	Do Practical on Crout's - method
	28.04.18	Test on Crout's method
	29.04.18	Sunday
	30.04.18	Full test on Numerical methods

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Mathematics

Section-A and Section-B

Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

Name of Associate Professor ... Dr. Anita Gudia

Class ... B.Sc. - Ist Year Subject Mathematics (Ordinary Differential equation)

Week	Date	Topic section-I
1	01.01.18	Winter vacation
	02.01.18	Winter vacation
	03.01.18	Winter vacation
	04.01.18	Winter vacation
	05.01.18	Winter vacation
	06.01.18	Definition of diff. equation, question based on order & degree
	07.01.18	Sunday
2	08.01.18	Question based on formation of diff equation
	09.01.18	Geometrical meaning of a diff equation
	10.01.18	Solution of an exact diff equation
	11.01.18	Question based on order, degree of diff equation
	12.01.18	Formation of diff equation (Questions)
	13.01.18	Question formation of diff equation
	14.01.18	Sunday
3	15.01.18	Definition of Integrating factor, finding
	16.01.18	Rule-I:- for finding integrating factor and question based on it
	17.01.18	Rule-II:- for finding integrating factor and question based on it
	18.01.18	Rule-III:- " " " " " "
	19.01.18	Rule-IV:- " " " " " "
	20.01.18	Rule-V:- " " " " " "
	21.01.18	Sunday
4	22.01.18	Basant Panchami
	23.01.18	Assignment of chapter-I
	24.01.18	Introduction of equation of first order but not of first degree
	25.01.18	Working rule for the equation solvable for p.
	26.01.18	Republic Day
	27.01.18	Question based on the equation solvable for p
	28.01.18	Sunday
5	29.01.18	Working rule for equation solvable for y
	30.01.18	Question based on the equation solvable for y.
	31.01.18	Guru Ravidas Jayanti

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Maharani Kishori Jat Kanya Mahavidyalya, Rohtak

Day Wise Lesson Plan for the session January 2018 to April 2018

- Name of Associate Professor Dr. Anita Guleria
- Class B.Sc. - 1st Year (Ist Sem) Subject Maths (Ordinary diff. equations)

Week	Date	Topic
1	01.02.18	Working rule for equation solvable for x.
	02.02.18	Question based on the equation solvable for x.
	03.02.18	Solution of the equation of the type $y = x\phi(P) + f(P)$
	04.02.18	Sunday
2	05.02.18	Question based on the equation of the type $y = Px + f(P)$
	06.02.18	Solution of the equation of the type $y = Px + f(P)$
	07.02.18	Question based on the equation of the type $y = Px + f(P)$
	08.02.18	Solution of the equation reducible to Clairaut's form
	09.02.18	Question based on the equation reducible to Clairaut's form
	10.02.18	Maharshi Dayanand Saraswati Jayanti
	11.02.18	Sunday
3	12.02.18	Assignments:
	13.02.18	Maha Shivratri
	14.02.18	Singular Solution, P and C-discriminant.
	15.02.18	Working rule for the singular solution.
	16.02.18	Question based on singular solution, P and C-discriminant.
	17.02.18	Revision of half topics of Section-I.
	18.02.18	Sunday
4	19.02.18	Revision of all the topics of Section-I
	Section II 20.02.18	Definition of trajectory, oblique trajectory
	21.02.18	orthogonal trajectory and orthogonal trajectory in Cartesian and polar Co-ordinates
	22.02.18	Repeat this topic (above topic)
	23.02.18	Question based on orthogonal trajectory
	24.02.18	Question based on orthogonal trajectory in Cartesian & polar Co-ordinates
	25.02.18	Sunday
5	26.02.18	Test of Section-I.
	27.02.18	Discuss about the test.
	28.02.18	MDU Holidays

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