# Govt. College Bhattu Kalan (Fatehabad) 

Lesson Plan
Session 2023-24 (EVEN Semester)
B.A/B.Sc 2ND Semester

Sub: Number Theory and Trigonometric Name of Teacher- Dr. Kirti chaudhary

| $\begin{aligned} & \mathrm{I}^{\mathrm{st}} \text { Week, January } \\ & 2024 \end{aligned}$ | Chapter 1, Divisibility |
| :---: | :---: |
| $2^{\text {nd }}$ Week, <br> January, 2024 | Division algorithm and theorem, Some theorems on prime numbers |
| $3^{\text {rd }}$ Week January, $2024$ | Chapter 2,Congruences |
| $4^{\text {th }}$ Week, January, 2024 | Chapter 3 Fermat's theorem and examples, Wilson's theorem, Chinese remainder theorem |
| $\begin{aligned} & \mathbf{5}^{\text {th }} \text { Week, January } \\ & , 2024 \end{aligned}$ | Chapter 4 Euler's function and some theorems on Euler's function |
| $\begin{aligned} & \text { Itt Week, February } \\ & 2024 \end{aligned}$ | Chapter 5 The Mobius function |
| $2^{\text {nd }}$ Week, <br> February, 2024 | Vacations |
| $3^{\text {rd }}$ Week <br> February, 2024 | Chapter 6 Quadratic congruence |
| $4^{\text {th }}$ Week, <br> February, 2024 | Chapter 7 De Moivre's theorem |
| $\begin{aligned} & \text { Itt Week, March } \\ & 2024 \end{aligned}$ | Expansion of $\cos n \theta, \sin \theta \theta$ and $\operatorname{tann} \theta$, Formation of equations |
| $2^{\text {nd }}$ Week, <br> March, 2024 | Chapter 8 Circular functions of a complex variable |
| $3^{\text {rd }}$ Week March, 2024 | Chapter 9 Hyperbolic functions |
| $4^{\text {th }}$ Week, March, 2024 | Chapter 10 Logarithm of complex numbers |
| $5^{\text {th }}$ Week, March, 2024 | Holi Vacations |
| $\begin{aligned} & \mathrm{I}^{\mathrm{st}} \text { Week, April } \\ & 2024 \end{aligned}$ | Chapter 11 Inverse circular functions of a real variable |
| $\begin{aligned} & \begin{array}{l} 2^{\text {nd }} \\ 2024 \end{array} \text { Week, April, } \\ & \hline \end{aligned}$ | Chapter 12 Gregory's series, Series of sines and cosines of angles which are in A.P |
| $\begin{aligned} & 3^{\text {rd }} \text { Week April, } \\ & 2024 \\ & \hline \end{aligned}$ | Exercise and Question solved |
| $4^{\text {th }}$ Week, April, 2024 | Revision |
| $5^{\text {th }} \text { Week, April, }$ $2024$ | Revision |

# Govt. College Bhattu Kalan (Fatehabad) <br> Lesson Plan 

Session 2023-24 (EVEN Semester)
B.A/B.Sc 2ND Semester Name of Teacher- Dr. kirti chaudhary

## Sub: Vector Calculus

| $\mathrm{I}^{\text {st }}$ Week, January 2024 | Chapter 1, Multiple Products of Vectors |
| :---: | :---: |
| $2^{\text {nd }}$ Week, <br> January, 2024 | Vector Triple Products |
| $3^{\text {rd }}$ Week January, 2024 | Theorems and Question solved |
| $4^{\text {th }}$ Week, <br> January, 2024 | Chapter 2 Differentiations of Vectors |
| $\mathbf{5}^{\text {th }} \text { Week, January }$ $\text { , } 2024$ | Curves in Space |
| $\mathrm{I}^{\mathrm{st}}$ Week, February $2024$ | Chapter 3 Gradient |
| $2^{\text {nd }}$ Week, <br> February, 2024 | Vacations |
| $3^{\text {rd }}$ Week <br> February, 2024 | Chapter 3 Divergence |
| $4^{\text {th }}$ Week, <br> February, 2024 | Chapter 3 Curl |
| $\mathrm{I}^{\text {st }}$ Week, March 2024 | Chapter 4 Curvilinear Coordinates |
| $2^{\text {nd }}$ Week, <br> March, 2024 | Examples and Question solved |
| $3^{\text {rd }}$ Week March, 2024 | Chapter 5 Vector Integration |
| $4^{\text {th }}$ Week, March, 2024 | Examples and Question solved |
| $5^{\text {th }}$ Week, March, $2024$ | Holi Vacations |
| $\begin{aligned} & \hline \text { It Week, April } \\ & 2024 \\ & \hline \end{aligned}$ | Chapter 6 Guass's, Green and Stoke's Theorems |
| $2^{\text {nd }} \text { Week, April, }$ $2024$ | Stoke's Theorems and Question solved |
| $\begin{aligned} & 3^{\text {rd }} \text { Week April, } \\ & 2024 \end{aligned}$ | Examples and Question solved |
| $4^{\text {th }}$ Week, April, 2024 | Revision |
| $5^{\text {th }}$ Week, April, 2024 | Revision |

## Govt. College Bhattu Kalan (Fatehabad) <br> Lesson Plan <br> Session 2023-24 (EVEN Semester) <br> B.A/B.Sc 4TH Semester

## Sub: Special Functions and Integral Transforms Name of Teacher- Dr. kirti chaudhary

| $\mathrm{I}^{\text {st }}$ Week, January 2024 | Chapter 1 Introduction to power series and convergence of power series |
| :---: | :---: |
| $2^{\text {nd }}$ Week, <br> January, 2024 | Working rule for the roots of an indicial equation are equal and examples |
| $3^{\text {rd }}$ Week January, $2024$ | Chapter 2 Introduction to Beta a function and properties |
| $4^{\text {th }}$ Week, <br> January, 2024 | Introduction to Gamma function and properties |
| $5^{\text {th }}$ Week, January $\text { , } 2024$ | Chapter 3 Bessel's function |
| $\mathrm{I}^{\text {st }}$ Week, February 2024 | Chapter 4, Hermite's equation |
| $2^{\text {nd }}$ Week, <br> February, 2024 | Vacations |
| $3^{\text {rd }}$ Week <br> February, 2024 | Rodrigue's formula for $H_{n}(x)$, Recurrence relations for Hermite's polynomial and examples |
| $4^{\text {th }}$ Week, <br> February, 2024 | Chapter 5, Laplace transform |
| $\mathrm{I}^{\mathrm{st}}$ Week, March 2024 | Question solved, Laplace transforms of derivatives and integrals and Question solved |
| $2^{\text {nd }}$ Week, <br> March, 2024 | Chapter 6, Inverse Laplace transform and properties |
| $3{ }^{\text {rd }}$ Week March, $2024$ | Chapter 7, Application of Laplace transformation to integral equations |
| $4^{\text {th }}$ Week, March, 2024 | Chapter 8, Solution of differential equations by Laplace transformation |
| $5^{\text {th }}$ Week, March, $2024$ | Holi Vacations |
| $\begin{array}{\|l\|} \hline \mathrm{I}^{\text {st }} \text { Week, April } \\ 2024 \\ \hline \end{array}$ | Chapter 9, Fourier Sine and Cosine transforms |
| $\begin{aligned} & 2^{\text {nd }} \text { Week, April, } \\ & 2024 \\ & \hline \end{aligned}$ | Chapter 10, Inverse Fourier transforms |
| $3^{\text {rd }}$ Week April, $2024$ | Question Solved |
| $\begin{aligned} & 4^{\text {th }} \text { Week, April, } \\ & 2024 \end{aligned}$ | Revision |
| $5^{\text {th }}$ Week, April, $2024$ | Revision |

# Govt. College Bhattu Kalan (Fatehabad) <br> Lesson Plan <br> Session 2022-23 (EVEN Semester) <br> B.A/B.Sc 6TH Semester 

## Sub: Real and Complex Analysis

Name of Teacher- Dr. kirti chaudhary

| $\begin{array}{\|l} \hline \text { Itt Week, January } \\ 2024 \\ \hline \end{array}$ | Chapter 1 Introduction to Jacobians |
| :---: | :---: |
| $2^{\text {nd }}$ Week, <br> January, 2024 | Chapter 2 Introduction to Beta and Gamma Functions |
| $3^{\text {rd }}$ Week January, 2024 | Chapter 3 Introduction to Double Integral, Examples and Question solved |
| $4^{\text {th }}$ Week, January, 2024 | Introduction to Triple Integral, Examples and Question solved |
| $\begin{aligned} & \mathbf{5}^{\text {th }} \text { Week, January } \\ & , 2024 \end{aligned}$ | Chapter 4 Introduction to Fourier Series |
| $\begin{aligned} & \text { I }{ }^{\text {st }} \text { Week, February } \\ & 2024 \end{aligned}$ | Fourier Expansion of Piecewise Monotonic Continuous Functions and Examples, Half Range Series, Parseval's Identity for Fourier Series |
| $2^{\text {nd }}$ Week, <br> February, 2024 | Vacations |
| $3^{\text {rd }}$ Week <br> February, 2024 | Chapter 5 Stereographic Projection of Complex Numbers, Complex Function of a Complex Variable |
| $4^{\text {th }}$ Week, <br> February, 2024 | Analytic Function and Question solved |
| $\mathrm{I}^{\text {st }}$ Week, March | Cauchy-Riemann Equations, Cauchy-Riemann Equations in Polar Form and Orthogonal System and Harmonic Function |
| $2^{\text {nd }}$ Week, <br> March, 2024 | Chapter 6 Applications of Analytic Functions to Field and Flow Problems and Question solved |
| $\begin{aligned} & 3^{\text {rd }} \text { Week March, } \\ & 2024 \\ & \hline \end{aligned}$ | Properties of Exponential and Trigonometrical Functions, Mapping by Elementary Functions |
| $4^{\text {th }}$ Week, March, 2024 | Chapter 7 Conformal Mapping and Examples, |
| $5^{\text {th }}$ Week, March, 2024 | Holi Vacations |
| $\begin{array}{\|l} \hline \mathrm{I}^{\text {st }} \text { Week, April } \\ 2024 \\ \hline \end{array}$ | Inverse Points and Question solved |
| $2^{\text {nd }}$ Week, April, $2024$ | Chapter 7 Conformal Mapping and Examples, |
| $\begin{array}{\|l} \hline 3^{\text {rd }} \text { Week April, } \\ 2024 \\ \hline \end{array}$ | Linear Fractional Transformations and Question solved |
| $\begin{aligned} & 4^{\text {th }} \text { Week, April, } \\ & 2024 \end{aligned}$ | Revision |
| $\begin{aligned} & 5^{\text {th }} \text { Week, April, } \\ & 2024 \end{aligned}$ | Revision |

# Govt. College Bhattu Kalan (Fatehabad) <br> Lesson Plan <br> Session 2023-24 (EVEN Semester) <br> B.A/B.Sc 6TH Semester 

## Sub: Dynamics

Name of Teacher- Dr. kirti chaudhary

| $\begin{array}{\|l} \text { I st }^{\text {st }} \text { Week, January } \\ 2024 \end{array}$ | Chapter 1 Definitions and explanation of displacement, velocity, Acceleration, Acceleration due to Gravity, Particle Projected Vertically Downwards, Examples |
| :---: | :---: |
| $2^{\text {nd }}$ Week, <br> January, 2024 | Radial and Transverse Velocities, Tangential and Normal Velocities and Acceleration, Examples and Question solved |
| $3^{\text {rd }}$ Week January, $2024$ | Chapter 2 Relative Displacement, |
| $4^{\text {th }}$ Week, January, 2024 | , Velocity and Articles |
| $\begin{aligned} & \mathbf{5}^{\text {th }} \text { Week, January } \\ & , 2024 \\ & \hline \end{aligned}$ | Chapter 3 Simple Harmonic Motion, |
| It Week, February 2024 | Examples and Question solved |
| $2^{\text {nd }}$ Week, <br> February, 2024 | Vacations |
| $3^{\text {rd }}$ Week <br> February, 2024 | Chapter 4 Introduction to Elastic String and Articles, |
| $4^{\text {th }}$ Week, <br> February, 2024 | Chapter 5 Explanation of Newton's Laws of Motion, |
| It Week, March 2024 | Articles Related to Pressure of a Body, Examples |
| $2^{\text {nd }}$ Week, <br> March, 2024 | Motion of Two Bodies Connected By a String, |
| $3^{\text {rd }}$ Week March, 2024 | Motion on a Smooth Horizontal Plane and Question solved |
| $4^{\text {th }}$ Week, March, 2024 | Chapter 6 Work done by a variable force, |
| $5^{\text {th }}$ Week, March, 2024 | Holi Vacations |
| $\begin{aligned} & \text { Ist Week, April } \\ & 2024 \\ & \hline \end{aligned}$ | Question solved and Examples |
| $\begin{aligned} & 2^{\text {nd }} \text { Week, April, } \\ & 2024 \\ & \hline \end{aligned}$ | Exercise |
| $3^{\text {rd }} \text { Week April, }$ $2024$ | Exercise |
| $4^{\text {th }}$ Week, April, 2024 | Revision |
| $5^{\text {th }}$ Week, April, $2024$ | Revision |

Govt College Bhattu Kalan
Bsc/BA sem 4 session 2023-24
Sub - Dynamics

| Month | Week | Topic |
| :---: | :---: | :---: |
| Januaury | Week 1 | - Basic concepts <br> - Velocity along a plane curve <br> - Angular velocity <br> - Questions solved <br> - Radial and transversal acceleration |
|  | Week 2 | - Tangential and normal velocitoies <br> - Questions solved <br> - Relative motion <br> - Relative velocity <br> - Relative acceleration <br> - Simple Harmonic Motion |
|  | Week 3 | - Elastic Strings <br> - Hookes law <br> - Horizontal elastic string <br> - Newtons alw of motions <br> - Questions solved |
|  | Week 4 | - Motion of a lift <br> - Motion on smooth horizontal plane <br> - Question ssolved |
| February | Week 1 | - Work <br> - Units of work <br> - Questions solved <br> - Energy <br> - Conservative system of forces |
|  | Week 2 | - Motion of a particle in smooth curve <br> - Motion on the inside of a smooth vertical circle <br> - Questions solved |


|  | Week 3 | - CYcloidal motion <br> - Motion on a cycloid <br> - Questions solved |
| :---: | :---: | :---: |
|  | Week 4 | - Motion of a projectile <br> - Questions solved |
| March | Week 1 | - Velocity at a point of a trajectory <br> - Directions of projection for a particle <br> - Questions solved |
|  | Week 2 | - Range and time of aflight <br> - Questions solved |
|  | Week 3 | - Central orbits <br> - Areal velocity <br> - Elliptic orbit <br> - Questions solved |
|  | Week 4 | - Hyperbolic orbit <br> - Velocity in circle <br> - Questions solved |
| April | Week 1 | - Apse and apsidal distances <br> - Velocity of infinity <br> - Questions solved |
|  | Week 2 | - Keplers law <br> - Gravitations <br> - Questions solved |
|  | Week 3 | - Motion of a particle in $\mathbf{3}$ dimensions <br> - Questions solved |
|  | Week 4 | Revision of whole syallabus |

Name - Dr Kirti Chaudhary
Department Of Mathematics

## Govt College Bhattu Kalan

Bse/BA sem 4 Session -2023-24
Sub - Programming In C and Numerical Method

| Month | Week | Topic |
| :---: | :---: | :---: |
| januaury | Week 1 | - Programmers Model of a computer <br> - Algorithm <br> - Flow charts <br> - Questions on flow chart <br> - Importance to $\mathbf{C}$ <br> - C character set <br> - C tokens <br> - Constant |
|  | Week 2 | - Identifiers <br> - Variables <br> - Data types <br> - Integers <br> - Character <br> - Floating point type <br> - Void Type <br> - Variable Declaration |
|  | Week 3 | - PrintF function <br> - Main function <br> - Execution of C Program <br> - Operators <br> - Library function in $\mathbf{C}$ <br> - Programs <br> - Scan F function |
|  | Week 4 | - Structured Languages <br> - If Else Statement <br> - Programs <br> - Nested If else statement <br> - Go to statement |


| February | Week 1 | - Loops <br> - Programs on loops <br> - Nested control structures <br> - programs |
| :---: | :---: | :---: |
|  | Week 2 | - Functions <br> - Accessing a function <br> - Function declaration <br> - Programs |
|  | Week 3 | - C preprocessor <br> - Macros <br> - Other directives - Arrays <br> - Programs on arrays <br> - Multi dimensional arrays |
|  | Week 4 | - Puppeting on strings <br> - Reading strings <br> - Comparison on strings <br> - Programs <br> - Extraction on strings |
| March | Week 1 | - Defining a structure <br> - Array of structures <br> - Programs <br> - Declaring pointers <br> - Files in c |
|  | Week 2 | - GetC functions <br> - Random access to files <br> - Unformatted data files |
|  | Week 3 | - Solution Of Algebraic and transdental equations <br> - Variation of signs <br> - Descartes rule of sign <br> - theorem |
|  | Week 4 | - Bisection Method <br> - Regula false method <br> - Questions |


| April | Week 1 | - Order of Convergence <br> - Secant method <br> - Newton Raphson method |
| :---: | :---: | :---: |
|  | Week 2 | - Questions <br> - Gauss elimination method <br> - Gauss Jordan method |
|  | Week 3 | - Triangularization method <br> - Cholesky method <br> - Crouts method |
|  | Week 4 | Revision of whole syallabus |

Department Of Mathematics
Govt College Bhattu Kalan
Bsc/BA sem 6 session 2023-24
Sub - Linear Algebra

| Month | Week | Topic |
| :---: | :---: | :---: |
| Januaury | Week 1 | - Vector spaces <br> - Subspaces <br> - Sum and Direct sum <br> - Questions solved |
|  | Week 2 | - Linear span <br> - Linearly independent <br> - Subsets of a vector space <br> - Finitely generated vector space <br> - Question solved |
|  | Week 3 | - Existence theorem for basis <br> - Finitely generated vector space <br> - Finite dimensional vector space <br> - Questions solved |
|  | Week 4 | - Invariance of number of elements of vector space <br> - Dimensions <br> - Quotient space <br> - Question solved |
| February | Week 1 | - Homomorphism <br> - Isomorphisim of vector space <br> - Linear transformation <br> - Linear forms on vector space <br> - Questions solved |
|  | Week 2 | - Vector space of linear transformation <br> - Dual spaces <br> - Bidual spaces <br> - Questions solved |


|  | Week 3 | - Annihilator of subspaces <br> - Null space <br> - Range space of L.T <br> - Rank and nullity theorem <br> - Questions solved |
| :---: | :---: | :---: |
|  | Week 4 | - Algebra of L.T <br> - Minimal polynomial of L.T <br> - Singular L.T <br> - Non singular L.T <br> - Questions solved |
| March | Week 1 | - Matrix of linear transformation <br> - Change of basis <br> - Question solved |
|  | Week 2 | - Eigen values <br> - Eigen vectors of L.T <br> - Questions solved |
|  | Week 3 | - Inner product space <br> - Cauchynscharwz inequality <br> - Orthogonal vectors <br> - Questions solved |
|  | Week 4 | - Orthogonal complements <br> - Orthogonal sets <br> - Basis <br> - Questions solved |
| April | Week 1 | - Bessels inequality <br> - Questions solved |
|  | Week 2 | - Gram Schmidt orthogonalization process <br> - Questions solved |
|  | Week 3 | - Adjoint of linear transformation <br> - Properties <br> - Unitary linear transformation |
|  | Week 4 | - Revision of whole syllabus |

## Name of Assistant Professor: Dr.Kirti

Class and Section:B.A/BSC. $\mathbf{2}^{\text {nd }}$ Semester and Section-A
Subject: Ordinary Differential Equation

| Januaury <br> Week 1 <br> Chapter 1: Exact differential equation, Chapter 2:Equation of first order but of <br> not first degree |
| :--- |
| Assignments |
| Introduction to differential equation |
| Geometrical meaning of D.E |
| Exact differential equation |
| Integrating factors |
| Week 2 <br> February <br> First order higher degree equation solving for x,y,p <br> Chapter 2:Equation of first order but of not first degree <br> Assignments <br> Langranges equation <br> question related to langrages equation <br> Introduction of claurates equation <br> Week 3 <br> Equation reducible to claurates forms <br> Introduction of singular solution <br> Week 4 |


| Chapter 2:Equation of first order but of not first degree, Chapter 3:Orthogonal <br> trajectories. <br> Assignments <br> February <br> week 1 <br> Discriminant <br> Working rule of singular solution <br> Week 2 <br> Introduction about trajectories <br> Week 3 <br> Orthogonal trajectories <br> Orthogonal trajectories in Cartesian coordinate. <br> Orthogonal trajectories in polar coordinates <br> Chapter :4 Linear Differential equation with constant coefficients. <br> Assignments <br> Week 4 <br> Linear differential equation. <br> The differential operator D <br> Complete solutions. <br> March <br> week 1 <br> Auxilary Equation <br> Chapter4 Linear Differential equation with constant coefficients <br> Assignments <br> Rule to solve an equation <br> Complementary function and particular integral <br> Week 2 <br> Inverse Operator <br> Particular Integral in some cases <br> Working Rule to solve the Particular integral <br> Chapter 5: Homogenous Linear Equation, Chapter:6 Linear Differential Equation <br> of Second degree <br> test of chapter 3 |
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| Week 3 <br> Introduction to homogenous linear equation <br> Method to solve H.L.E. <br> Equation reduceable to H.L.E. <br> Question related to H.L.E. <br> Linear Differencial equation of second degree <br> Week 4 <br> Chapter 6 Linear Differential Equation of Second degree <br> Assignments <br> L.D.E. of second order by changing dependent variable <br> April <br> Week 1 <br> Method for finding particular integral <br> Questions related to P.I. <br> To Solve second order by removing first derivate <br> Week 2 <br> Chapter 6 Linear Differential Equation of Second degree <br> Assignments <br> Revision of L.D.E. <br> To solved L.D.E. of second order by changing independent variable <br> Questions for practice <br> Introduction of variation of parameters <br> Method of variation of parameters <br> Question related to varistion of parameters <br> Chapter 6 Linear Differential Equation of Second degree <br> Week 3 <br> To Solve L.D.E. of Second Order by undetermined coefficient <br> Question solved <br> Assignments <br> Method of undetermined coefficient <br> Questions related to method of undetermined coefficient <br> simultaneous differential equation |
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| Method of solving simultaneous equation |
| :--- |
| Question related to S.E |
| Revision of variation of parameter |
| Chapter 7 ordinary differential simultaneous equation |
| Assignments |
| Use of operator D |
| Method of differentiation |
| To solve simultaneous equation |
| To solve simultaneous equation of different form |
| Working rule to solve S.E |
| Question related to simultaneous equation |
| week 4 <br> Chapter 7 ordinary differential simultaneous equation chapter 8 Total differential <br> equations <br> General interpretation of equation <br> Question related to general interpretation <br> Second integral found with the help of first <br> Question related to second integral <br> Total differential equation <br> Chapter 8 total differential equation <br> Revision of O.S.E <br> Test of O.D.E <br> Revision of total differential equation <br> Test of T.D.E |

Department Of Mathematics
Govt College Bhattu Kalan
Bsc/BA sem 4 session 2023-24
Sub - Sequence and series

| Month | Week | Topic |
| :---: | :---: | :---: |
| Januaury | Week 1 | - Basic knowledge <br> - Boundness of set of real number <br> - Least upper bound <br> - Questions solved |
|  | Week 2 | - Greatest lower bound <br> - Interior points <br> - Isolated points <br> - Limit points <br> - Questions solved |
|  | Week 3 | - Open sets <br> - Closed sets <br> - Interior of a set <br> - Closure of a set in real number <br> - properties |
|  | Week 4 | - compact sets <br> - heini borel property <br> - sequence <br> - real sequence and there convergence |
| February | Week 1 | - theorem on limit of sequence <br> - monotonic sequence <br> - Cauchy sequence <br> - Cauchy general principle of convergence |
|  | Week 2 | - Sub sequence <br> - Sub sequential limits <br> - Infinite series <br> - Convergence and divergence |


|  | Week 3 | - Comparison test of positive term series <br> - Cauchys general principal of convergence <br> - Convergence and divergence of geometric series <br> - Hyper harmonic series test |
| :---: | :---: | :---: |
|  | Week 4 | - Infinite series <br> - Dalembert ratio test <br> - Rabbes test <br> - Logarithm test <br> - Demorgan test |
| March | Week 1 | - Cauchys $n$ root test <br> - Gauss test <br> - Cauchys integral test |
|  | Week 2 | - Cauchys condensation test <br> - Alternating series |
|  | Week 3 | - Leibnitz test <br> - Absolute and conditional convergence |
|  | Week 4 | - Arbitrary series <br> - Abels lemma <br> - Abels test <br> - Dirichlets test <br> - Insertion and removalof parthensis |
| April | Week 1 | - Dirichlet theorem <br> - Riemanns rearrangement theorem <br> - Pringshems theorem |
|  | Week 2 | - Multiplication of series <br> - Cauchy product of series |
|  | Week 3 | - Convergence and absolute convergence of infinite products |
|  | Week 4 | Revision of whole syallabus |

