

Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Dr. Suresh Kumar Subject Hindi
Paper Class- B.A.T Section C+D

July 2019

कबीरदास, सूरदास, तुलसीदास आदि कवियों का परिचय, कविता की व्याख्या व कविताओं के प्रश्न।

August-2019

मीराबाई, रसखान, बिहारी आदि कवियों का परिचय, कविता की व्याख्या व कविताओं के प्रश्न आदि।

September-2019

हिन्दी साहित्य का आदिकाल - इतिहास के लेखन की परम्परा, काल-विभाजन, आदिकाल का नामकरण, परिदृष्टियाँ, प्रवृत्तियाँ आदि।

October-2019

पृथ्वीराज रासो - एक विवादास्पद रचना, काव्य सौन्दर्य, रासो - उद्भव के स्रोत एवं परम्परा काव्य की परिभाषा, काव्य के तत्व, रस, स्वरूप और अंग,

November-2019

अलंकार विवेचन, छंद परिचय, शब्द शक्तियाँ, काव्य गुण आदि।

Signature of the Teacher

Chamya
18/7/19



Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Yashpal Mehta Subject Economics
Paper Microeconomics-2 Section Sem-2

July-2019

The Economic Problems, Micro & Macro Economics,
Law of Demand, Elasticity of Demand.

August-2019

Consumer Theory: Cardinal Utility Analysis,
Consumer Equilibrium, Consumer's Surplus.
Ordinal Utility Analysis: Indifference Curves Analysis, Consumer's
Equilibrium

September-2019

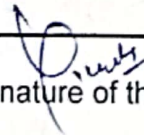
Producer Behaviour and Supply, Iso-quants curve,
Internal & External economics, Supply curve, Elasticity of Supply.

October-2019

Cost Analysis; short & long term periods Costs
Curve, Modern theory of Costs.

November-2019

Concepts of Revenue; Break-even Analysis &
Revision of Syllabus.


Signature of the Teacher

Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Yashpal Mehta Subject Economics
Paper Business Economics Section Sem. I

July-2019

Basic problems of an economy, Concepts of
Elasticity of Demand.

August-2019

Concepts of Revenue, Elasticity of Supply,
Production functions: Ridge Lines - Internal & External
economics

September-2019

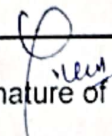
Theory of Costs Concepts, Longrun & Short Run
Theory of Cost, Modern Theory of Cost

October-2019

Utility Analysis & Indifference Curve Analysis

November-2019

Market: Classification & Structure
Revision of Syllabus


Signature of the Teacher



Subject Lesson Plan July 2019 to November 2019

Name of the Teacher : Dr. Ashok Kumar Subject: Mathematics

Paper: Maths 1(Algebra)

Section : -

Class: B.A./B.Sc. Ist Sem.

July-2019

Section – I Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices. Elementary Operations on matrices. Rank of a matrices. Inverse of a matrix. Linear dependence and independence of rows and columns of matrices. Row rank and column rank of a matrix. Eigenvalues, eigenvectors and the characteristic equation of a matrix. Minimal polynomial of a matrix. Cayley Hamilton theorem and its use in finding the inverse of a matrix.

August-2019

Section – II Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations. Theorems on consistency of a system of linear equations. Unitary and Orthogonal Matrices, Bilinear and Quadratic forms. Monthly Unit Test-I

September-2019

Section – III Relations between the roots and coefficients of general polynomial equation in one variable. Solutions of polynomial equations having conditions on roots. Common roots and multiple roots. Transformation of equations.

October-2019

Section – IV : Nature of the roots of an equation Descarte's rule of signs. Solutions of cubic equations (Cardon's method). Biquadratic equations and their solutions. Monthly Unit Test-II

November-2019

Revision of syllabus, short Answer Type questions, Assignments and Class Test.


Signature of the Teacher

Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Multan Singh Subject PHYSICAL EDUCATION
Paper Theory Section _____

July-2019

Unit-I

शारीरिक शिक्षा का अर्थ तथा परिभाषा,

शारीरिक शिक्षा का लक्ष्य तथा उद्देश्य।

शारीरिक शिक्षा का क्षेत्र।

August-2019

UNIT-I

शारीरिक शिक्षा का महत्व। एवं आवश्यकता,

प्राचीन ओलंपिक खेल।

भारत के राष्ट्रीय खेल।

September-2019

UNIT-II

छात्रों के प्रकार, निष्ठा, रिजलेंट, वृद्धि एवं विकास,

छात्रों का शारीरिक प्रभाव।

शारीरिक शिक्षा का भारत में विकास।

October-2019

UNIT III:-

आधुनिक ओलंपिक खेल, ओलंपिक खेलों में भारत का स्थिति,

सशिक्षित खेल, सशिक्षित खेल में भारत का स्थिति।

November-2019

UNIT-IV

भारत में खेल आनंद, अज्ञेय पुरस्कार, सोना-चाँदी आनंद,

खेल रत्न पुरस्कार, नीति पुरस्कार, मो लाना अटल बिहारी पुरस्कार।

Signature of the Teacher



Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Yashpal Mehta Subject Economics
Paper Macroeconomics-I Section Sem. III

July-2019

Concepts of Macroeconomics, Concepts of GDP &
National Income & Limitations.

August-2019

Methods of measurement of India's National Income by C.S.O.
Consumption functions, Investment function. The concept of
Multipliers.

September-2019

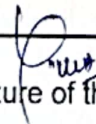
Fiscal Policy: Impact of change in Govt. expenditure
and Taxes, Net Export Function.

October-2019

Aggregate Demand and Aggregate Supply: Multiplier
Analysis with AD Curve and Price level Changes.

November-2019

Aggregate Supply in short Run and Long Run.
Revision of Syllabus.


Signature of the Teacher



Subject Lesson Plan July 2019 to November 2019

Name of the Teacher : Dr. Ashok Kumar Subject: Mathematics

Paper: Maths II(Calculus)

Section : -

Class: **B.A./B.Sc. Ist Sem.**

July-2019

Section – I Definition of the limit of a function. Basic properties of limits, Continuous functions and classification of discontinuities. Differentiability. Successive differentiation. Leibnitz theorem. Maclaurin and Taylor series expansions.

August-2019

Section – II Asymptotes in Cartesian coordinates, intersection of curve and its asymptotes, asymptotes in polar coordinates. Curvature, radius of curvature for Cartesian curves, parametric curves, polar curves. Newton's method. Radius of curvature for pedal curves. Tangential polar equations. Centre of curvature. Circle of curvature. Chord of curvature, evolutes. Tests for concavity and convexity. Points of inflexion. Multiple points. Cusps, nodes & conjugate points. Type of cusps. Monthly Unit Test-I

September-2019

Section – III : Tracing of curves in Cartesian, parametric and polar co-ordinates. Reduction formulae. Rectification, intrinsic equations of curve.

October-2019

Section – IV : Quadrature (area) Sectorial area. Area bounded by closed curves. Volumes and surfaces of solids of revolution. Theorems of Pappu's and Guilden. Monthly Unit Test-II

November-2019

Revision of syllabus, short Answer Type questions, Assignments and Class Test.



Signature of the Teacher

Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Dr. Suresh Kumar Subject Hindi
Paper Class - B.A II Section 13.

July-2019

अयोध्या सिंह उपाध्याय, हरिऔध, मैथिली शरण गुप्त,
जयशंकर प्रसाद आदि कवियों का परिचय
एवं कविता की व्याख्या।

August-2019

सूर्यकांत त्रिपाठी 'निराला', महादेवी वर्मा,
रामधारी निधुं दिनकर, भारत भूषण अग्रवाल आदि
कवियों का परिचय व कविता की व्याख्या।

September-2019

हिन्दी साहित्य का ऐतिहासिक, ऐतिहासिक की
प्रवृत्तियाँ, स्वभाव, कवि, नामकरण परिस्थितियाँ
आदि।

October-2019

प्रयोजन मूलक हिन्दी :-
कम्प्यूटर :- स्वरूप और महत्व
ई-मेल :- प्रेषण-ग्रहण

November-2019

इंटरनेट :- स्वरूप और उपयोगिता
मशीनी- अनुवाद
अनुवाद :- परिभाषा और स्वरूप

1 1 2 3 .

Signature of the Teacher



Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Dr. Surendra Kumar Subject Hindi
Paper Class - B.Sc II Section

July-2019

भारतेन्दु हरिश्चन्द्र, मैथिली शरणदास आदि कवियों
का परिचय, व कविता की व्याख्या

August-2019

मरवन्लाल चतुर्वेदी, सूर्यकांत त्रिपाठी निराला,
महादेवी वर्मा आदि कवियों का परिचय
व कविताओं की व्याख्या।

September-2019

रामधारी सिंह 'दिनकर' हरिवंशराय बच्चन
दुष्यन्त कुमार आदि कवियों का परिचय
व कविताओं की व्याख्या।

October-2019

— पत्र एवं तार लेखन
— सरकारी पत्र - अर्द्ध सरकारी पत्र
— वैज्ञानिक शब्दावली

November-2019

मिश्र लेखन
नैतिक शिक्षा, मध्य मिश्र, विज्ञान और
औद्योगिकीकरण, वैज्ञानिक प्रगति में भारत का योगदान
वैश्वीकरण और विज्ञान।

Signature of the teacher

Subject Lesson Plan July 2019 to November 2019

Name of the Teacher Yashraj Mehta Subject Economics
Paper Development Economics Section Sem. Vth

July-2019

Features of UDC's, Economic growth and Development.

August-2019

Determinants, Measurement and obstacles of Economic Development, Vicious Circle of Poverty.
Harrod-Domar Model, Endogenous Growth model.

September-2019

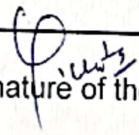
Balanced and Unbalanced Growth Theories;
Lewis' Model and Leibenstein's Critical minimum effort thesis.

October-2019

Economic Planning & Policy in Pre Reform Policy

November-2019

Economic Reforms & LPG Policy.
Revision of Syllabus.


Signature of the Teacher



Subject Lesson Plan July 2019 to November 2019

Name of the Teacher : Dr. Ashok Kumar Subject: Mathematics

Paper: Maths I(Real Analysis)

Section : -

Class: B.A./B.Sc. 5th Sem.

July-2019

Section – I Riemann integral, Integrability of continuous and monotonic functions, The Fundamental theorem of integral calculus. Mean value theorems of integral calculus.

August-2019

Section – II Improper integrals and their convergence, Comparison tests, Abel's and Dirichlet's tests, Frullani's integral, Integral as a function of a parameter. Continuity, Differentiability and integrability of an integral of a function of a parameter. Monthly Test-I

September-2019

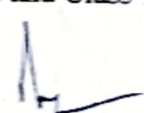
Section – III Definition and examples of metric spaces, neighborhoods, limit points, interior points, open and closed sets, closure and interior, boundary points, subspace of a metric space, equivalent metrics, Cauchy sequences, completeness, Cantor's intersection theorem, Baire's category theorem, contraction Principle

October-2019

Section – IV Continuous functions, uniform continuity, compactness for metric spaces, sequential compactness, Bolzano-Weierstrass property, total boundedness, finite intersection property, continuity in relation with compactness, connectedness, components, continuity in relation with connectedness. Monthly Test-II

November-2019

Revision of syllabus, short Answer Type questions, Assignments and Class Test.


Signature of the Teacher

Subject Lesson Plan July 2019 to November 2019

Name of the Teacher : Dr. Ashok Kumar Subject: Mathematics

Paper: Maths III(Numerical Analysis)

Section : -

Class: B.A./B.Sc. 5th Sem.

July-2019

Section – I Finite Differences operators and their relations. Finding the missing terms and effect of error in a difference tabular values, Interpolation with equal intervals: Newton's forward and Newton's backward interpolation formulae. Interpolation with unequal intervals: Newton's divided difference, Lagrange's Interpolation formulae, Hermite Formula.

August-2019

Section – II Central Differences: Gauss forward and Gauss's backward interpolation formulae, Sterling, Bessel Formula. Probability distribution of random variables, Binomial distribution, Poisson's distribution, Normal distribution: Mean, Variance and Fitting. Monthly Test-I

September-2019

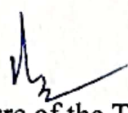
Section – III Numerical Differentiation: Derivative of a function using interpolation formulae as studied in Sections –I & II. Eigen Value Problems: Power method, Jacobi's method, Given's method, House-Holder's method, QR method, Lanczos method.

October-2019

Section – IV Numerical Integration: Newton-Cote's Quadrature formula, Trapezoidal rule, Simpson's onethird and three-eighth rule, Chebychev formula, Gauss Quadrature formula. Numerical solution of ordinary differential equations: Single step methods-Picard's method. Taylor's series method, Euler's method, Runge-Kutta Methods. Multiple step methods; Predictor-corrector method, Modified Euler's method, Milne-Simpson's method. Monthly Test-II

November-2019

Part-B (Practical) : simple programs in C and the implementation of Numerical Methods, studied in the paper. Revision of syllabus, short Answer Type questions, Assignments and Class Test.


Signature of the Teacher