Marathwada Shikshan Prasarak Mandal's

Arts, Commerce & Science College, Kille Dharur Dist. Beed

Faculty: Science

B.Sc.

Programme Outcomes

At the time of graduation, the students will be able to -

PO1: Understand basic principles of science

PO2: Analyse and predict conclusion from data/information

PO3: Perform necessary arithmetic calculations

PO4: Understand various units and its conversions

PO5: Correlate various principles in science to generate new approaches

PO6: Understand steps in the operations of various equipments and instruments

PO7: Perform qualitative, quantitative analyses in science specific areas

PO8: Understand mechanism of various scientific processes

Programme Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand fundamental principles involved in Science

PSO2: Acquire detail knowledge of science

PSO3: Understand various principles in science

PSO4: Gain knowledge of various branches of Sciences

PSO5: Understand handling and applications of scientific instruments

PSO6: Acquaint with mechanism of various scientific processes

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Course Outcomes

B.Sc.: Chemistry

Programme Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand the fundamental principles of Chemistry

PSO2: Develop skills in evaluation and interpretation of chemical information and data

PSO3: Identify and estimate organic and inorganic compounds using classical and modern laboratory methods

PSO4: Analyze various organic mixtures and individual compounds

PSO5: Develop skills in the safe-handling of chemical materials, taking into account of their physical and chemical properties including any specific hazards associated with their use

PSO6: Gain comprehensive knowledge about fundamental properties of elements

PSO7: Acquire knowledge regarding importance of various elements present in the periodic table, coordination chemistry, structure of molecules, properties of compounds and structural determination of complexes using theoretical and instrumental methods

PSO8: Perform accurate quantitative measurements with an understanding of the theory and use of contemporary chemical instrumentation, interpret experimental results, perform calculations on these results and draw reasonable accurate conclusion

PSO9: Synthesize, separate and characterize compounds using published reactions, protocols, standard laboratory equipment and modern instrumentation

PSO10: Acquire problem solving skills in three basic areas of Chemistry, i.e., Inorganic, Organic and Physical Chemistry

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Course Outcomes

F.Y. B.Sc.

Semester I

Paper No. I (Inorganic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Predict atomic structure and explain various quantum numbers

CO2: Explain standardized names and symbols to represent atoms, molecules, ions and chemical reactions

CO3: Explain trends of periodic properties of elements in periodic table

CO4: Predict biological role of Alkali and Alkaline earth metals

Paper No. II (Organic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Explain various effects, and properties of organic compounds, nature of bond

CO2: Discuss nature of bond breaking and mechanical phenomenon

CO3: Explain concept of isomerism and types of stereochemical configuration

CO4: Discuss mechanistic pathways of simple organic reaction

Semester II

Paper No. IV (Physical Chemistry)

Upon completion of the course, the students will be able to-

CO1: Differentiate colloids, liquid crystals and properties of solid, liquid and gas

CO2: Derive differential equations related to order of reactions

CO3: Explain and correlate various laws with respect to gaseous state

CO4: Categorize catalysis on the basis of phases

CO5: Identify areas of applications of colloids, enzyme catalysts in day to day life

Paper No. V (Inorganic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Demonstrate preparation, physical and chemical properties, structural properties, applications of various elements

CO2: Discuss chemical bonding, hybridization and molecular geometry on the basis of VBT

CO3: Differentiate types of indicators and correlate with appropriate titration method

CO4: Explain various aspects of radioactivity

Practicals (Lab course)

Upon completion of the course, the students will be able to-

CO1: Prepare and standardize various solutions

CO2: Determine basicity of given organic acid

CO3: Determine viscosity of given liquid

CO4: Identify acidic and basic radicals in given mixture

CO5: Identify types of organic compounds by chemical analysis method

S.Y. B.Sc.

Semester III

Paper No. VII (Organic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Give types of alcohol and its identification in simple organic compounds

CO2: Differentiate alcohol and phenols in simple and complex organic molecules

CO3: Explain the structure of carbonyl compounds and type of various name reaction involving carbonyl group

CO4: Analyse effect of substituent on acidity of carboxylic acid

CO5: Analyse effect of basicity in various simple heterocycles

Paper No. VIII (Physical Chemistry)

Upon completion of the course, the students will be able to-

CO1: Distinguish isothermal, adiabatic, isochoric and other thermodynamic processes

CO2: Correlate law of mass action, equilibrium constant with free energy

CO3: Solve numerical problems related to efficiency, work done, heat change

CO4: State and explain postulates of laws of Thermodynamics

CO5: Interpret interrelations between Clapeyron, Clausius and other relevant equations

Semester IV

Paper No. X (Inorganic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Present in depth knowledge of abundance, position, preparation, properties and chemical behaviour of various d and f block elements from the periodic table

CO2: Identify co-ordination compounds and its applications

CO3: Differentiate aqueous and non aqueous solvents

Paper No. XI (Physical Chemistry)

Upon completion of the course, the students will be able to-

CO1: Explain different types of conductomertic titrations

CO2: Solve mathematical problems on electro-chemistry

CO3: Explain phase diagrams of one component systems

CO4: Explain phase diagrams of two component systems

CO5: Classify electrochemical and electrolytic cells

Practicals (Lab course)

Upon completion of the course, the students will be able to-

CO1: Determine concentration values of sample solutions using instrumentation

CO2: Evaluate and interpret heat of neutralization reactions

CO3: Analyse quantitatively, specific elements by volumetric and gravimetric methods

CO4: Determine critical solution temperatures of heterogeneous phases

CO5: Determine the molar refractive index of given sample by refractometer

CO6: Prepare organic derivatives and determine physical constants

CO7: Estimate ester, amide and other organic molecule entities

T.Y. B.Sc.

Semester V

Paper No. XIII (Physical Chemistry)

Upon completion of the course, the students will be able to-

CO1: Explain synthesis of nanomaterials

CO2: Solve mathematical problems on determination of bond length

CO3: Derive Schrodinger wave equation of Hydrogen atom

CO4: Explain basic features of different spectrometers

CO5: Determine structure of molecules applying magnetic property

Paper No. XIV (Organic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Find out types of sets of proton in organic compound

CO2: Solve simple PMR problems with given data

CO3: Classify various organometallic compounds and activity in simple organic transformation

CO4: Identify and classify various active Methylene compounds

Semester VI

Paper No. XVI (Inorganic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Explain nature of metal-ligand bonding and illustrate splitting of d orbitals

CO2: Demonstrate mechanism of sodium potassium cycle

CO3: Describe essential and trace elements and their role in biological system

CO4: Categorize chromatographic techniques with reference to adsorbents and other components

Paper No. XXII (Organic Chemistry)

Upon completion of the course, the students will be able to-

CO1: Explain effect of aromaticity on strength of basicity of heterocyclic compound

CO2: Classify carbohydrates and its utility in day to day life

CO3: Explain synthesis of paracetamol

CO4: Explain properties of good Drugs

Practicals (Lab course)

Upon completion of the course, the students will be able to-

CO1: Identify organic mixtures by chemical analysis method

CO2: Analyse inorganic radicals by chemical analysis method

CO3: Identify and separate given mixtures by gravimetric and volumetric method

CO4: Analyse percent composition of acid mixture by Conductometric method

CO5: Identify empirical formula by potentiometric method

B.Sc.: Zoology

Program Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand concept of cell biology and genetics

PSO2: Study various phylum and their classification

PSO3: Understand mammalian physiology

PSO4: Recognize relationship between structure and function at all levels: molecular, cellular, and organismal

PSO5: Understand the chemistry and structure of all biological macromolecules including proteins and nucleic acids, determine their biological properties

PSO6: Understand nature and basic concepts of physiology, biochemistry, ecology, evolution and biotechnology

PSO7: Study animal diversity, including knowledge of specification, classification and evolutionary relationship of major groups of animals

PSO8: Understand biological, chemical and physical features of environment, e.g. terrestrial, freshwater, marine, host that animals inhabit

PSO9: Gain knowledge in the field of environment conservation, evolution and behaviour of animals

PSO10: Understand functions of organisms at the level of the gene, genome, cell, tissue, organ and organ-system

PSO11: Understand applications of DNA technology to think critically and solve problems in the fields of biotechnology by applying research strategies

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Course Outcomes

F.Y. B.Sc.

Semester I

Paper I- Protozoa to Annelida

Upon completion of the course, the students will be able to:-

CO1: Identify animals by observation

CO2: Describe unique characters of Protozoa, Porifera, Coelenterate, Helminthes and Annelids

CO3: Explain life functions of Protozoa, Porifera, Coelenterate, Helminthes and Annelids

CO4: Describe ecological role of phylum Protozoa, Porifera, Coelenterata, Helminthes and Annelida

CO5: Identify diversity from Protozoa, Porifera, Coelenterate, Helminthes and Annelids

Paper II- Cell Biology

Upon completion of the course, the students will be able to:-

CO1: Describe in detail the structure of cell

CO2: Describe function and the composition of the plasma membrane

CO3: Explain principles of the cell theory

CO4: Differentiate between prokaryotes and eukaryotes

CO5: Understand importance of the nucleus and its components

CO6: Understand how the endoplasmic reticulum and Golgi apparatus interact with one another and know with which other organelles they are associated

CO7: Identify three primary components of the cell‟s cytoskeleton and how they affect cell shape, function, and movement

Semester II

Paper IV- Arthropoda to Echinodermata and Hemichordata

Upon completion of the course, the students will be able to:-

CO1: Identify animals by observation

CO2: Describe unique characters of Arthropods, Mollusks, Echinoderms and Hemichordates

CO3: Explain life functions of Arthropods, Mollusks, Echinoderms and Hemichordates

CO4: Explain ecological role of phylum from Arthropoda to Hemichordata

CO5: Explain in detail diversity from Arthropods to Hemichordate

Paper V- Genetics – I

Upon completion of the course, the students will be able to:-

CO1: Describe chemical basis of heredity

CO2: Explain role of genetics in evolution

CO3: Evaluate conclusions that are based on genetic data

CO4: Find the results of genetic experimentation in animals

S.Y. B.Sc.

Semester III

Paper VII- Vertebrate Zoology

Upon completion of the course, the students will be able to:-

CO1: Describe unique characters of urochordates, cephalochordates and fishes

CO2: Recognize life functions of urochordates to fishes

CO3: Explain ecological role of different groups of chordates

CO4: Explain the diversity of chordates and describe unique characters of amphibians, reptiles, aves and mammals

CO5: Describe life functions of amphibians, reptiles, aves and mammals

CO6: Explain ecological role of different classes of vertebrates

Paper VIII- Genetics - II

Upon completion of the course, the students will be able to:-

CO1: Explain in detail gene expression and its behaviour in transformation

CO2: Describe the role of genetics in evolution

CO3: Evaluate conclusions that are based on genetic data in population genetics

CO4: Describe genetic diseases and disorders

CO5: Explain the techniques that are used in genetic engineering

Semester IV

Paper XI- Animal Physiology

Upon completion of the course, the students will be able to:-

CO1: Describe in detail the physiology at cellular and system levels

CO2: Explain the role of different bio-molecules

CO3: Explain how mammalian body get nutrition from different bio-molecules

CO4: Describe the functions of different systems

CO5: Describe the physiology of respiratory, renal, endocrine and reproductive systems to define normal and abnormal functions

Paper XII- Biochemistry and Endocrinology

Upon completion of the course, the students will be able to:-

CO1: Describe in detail the metabolism of carbohydrates, proteins, fats

CO2: Explain the fundamental biochemical principles

CO3: Describe basic laboratory techniques in biochemistry

CO4: Describe the structure and function of endocrine glands

CO5: Explain the role of hormones

T.Y. B.Sc.

Semester V

Paper XV- Ecology

Upon completion of the course, the students will be able to:-

CO1: Describe abiotic and biotic factors that affect, the distribution, dispersal, and behaviour of organisms

CO2: Identify factors that affect biological diversity and the functioning of ecological systems

CO3: Use an ecological vocabulary in arguments and explanations of ecological phenomena

CO4: Apply concepts and theories from biology to ecological examples

CO5: Analyse and interpret ecological information, research and data

Paper XVI-F- Biotechnology-I

Upon completion of the course, the students will be able to:-

CO1: Describe the use of genetically engineered products to solve environmental problems

CO2: Explain principles for the basis of recombinant DNA technology

CO3: Explain steps involved in the production of by-products and methods to improve modern biotechnology and can apply basic biotechnological principles, methods and models to solve biotechnological tasks

Semester VI

Paper XIX- Evolution

Upon completion of the course, the students will be able to:-

CO1: Describe evolutionary history of man

CO2: Describe origin of species on earth

CO3: Have an enhanced knowledge and appreciation of evolutionary biology and behaviour

CO4: Perform, analyse and report on experiments and observations in whole-organism biology

CO5: Gain information regarding animal classification and systematic, animal structure and function relationships, evolution between and within major animal groups, human evolution and animal reproduction and development

Paper XX-F- Biotechnology-II

Upon completion of the course, the students will be able to:-

CO1: Demonstrate ability to apply research strategies like contamination and sterilization of laboratory in cell culture

CO2: Explain technical skills necessary for supporting biotechnology research activity in tissue culture and transgenic animal methods

CO3: Explain applications of biotechnology

CO4: Describe Gene therapy and DNA fingerprinting

CO5: Demonstrate knowledge of biotechnology concepts in ex vivo, in vivo gene therapy to diagnosis human diseases

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B.Sc.: Botany

Programme Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand the basic concepts of taxonomy and ecology

PSO2: Acquire knowledge about economics and medicinal plants in agriculture and medicine

PSO3: Analyze the relationship between plants and microbes

PSO4: Understand the biology of diversity of seed plants or phanerogams

PSO5: Understand behaviours of fossils and gymnosperm plants

PSO6: Understand plant diseases, chemical properties and evolutionary relationship among taxonomic groups

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Course Outcomes

B. Sc. First Year

Paper I- Diversity of Cryptogams-I

Upon completion of the course, the students will be able to-

CO1: Identify various types of plants in kingdom Plantae

CO2: Identify Cryptogams

CO3: Identify various types of Algae

CO4: Describe various types of bacteria

CO5: Describe various types of fungi

CO6: Identify various types of viruses

Paper II- Morphology of Angiosperms

Upon completion of the course, the students will be able to-

CO1: Describe various types of habitat habit and morphological characters

CO2: Identify various types of root, stem and leaves

CO3: Identify various types of inflorescence and flowers

CO4: Identify various types of fruits

CO5: Describe modifications of roots stems and leaves

Paper V- Diversity of Cryptogams-II

Upon completion of the course, the students will be able to-

CO1: Describe Cryptogams

CO2: Describe characteristic feature of Bryophytes

CO3: Describe Characteristic feature of Pteridophytes

CO4: Identify various types of Bryophytes

CO5: Identify various types of Pteridophytes

Paper VI - Histology, Anatomy and Embryology

Upon completion of the course, the students will be able to-

CO1: Describe various types of tissues

CO2: Describe anatomical characters of monocot and dicot plants

CO3: Describe various types of ovules

CO4: Describe vascular elements in tissues

B. Sc. Second Year

Paper IX- Taxonomy of Angiosperms

Upon completion of the course, the students will be able to-

CO1: Describe various Classification Systems of plants

CO2: Describe characteristics of various angiosperm families

CO3: Describe various taxonomic terminologies

CO4: Describe importance of plant studies

CO5: Describe various tools used in taxonomy

Paper X- Plant Ecology

Upon completion of the course, the students will be able to-

CO1: Describe importance of plant studies

CO2: Describe various terminologies used in ecology

CO3: Describe soil structure and soil types

CO4: Describe various methods of conservation

CO5: Describe ecological adaptations in plants

Paper XIII- Gymnosperms and Utilization of plants

Upon completion of the course, the students will be able to-

CO1: Differentiate angiosperm and gymnosperm

CO2: Describe the characteristic feature of gymnosperm plants

CO3: Describe economic importance of cereals pulses

CO4: Describe importance of timber plants

CO5: Describe medicinal values of plants

CO6: Describe uses of plants and their parts in various industries

Paper XIV- Plant Physiology

Upon completion of the course, the students will be able to-

CO1: Describe various physiological processes of plants

CO2: Describe photosynthesis

CO3: Describe transpiration

CO4: Describe respiration

CO5: Describe stomata and functions of stomata

CO6: Describe osmosis

B. Sc. Third Year

Paper XVII- Cell & Molecular Biology

Upon completion of the course, the students will be able to-

CO1: Describe Cell and cell structure

CO2: Describe molecular basis of cell

CO3: Describe various types of cells

CO4: Describe mitosis and meiosis

CO5: Identify various cell organelles

CO6: Describe various stages of cell division

Paper XVIII (A) - Diversity of Angiosperms-I

Upon completion of the course, the students will be able to-

CO1: Describe various Classification Systems of plants

CO2: Describe variations among angiosperm families

CO3: Describe various types of keys used for plant identification

CO4: Describe various floral characters of angiosperm families

CO5: Describe importance of plant studies and uses of plants

Paper XXI- Genetics & Biotechnology

Upon completion of the course, the students will be able to-

CO1: Describe genetics

CO2: Describe the basic information about gene, hybridisation and genetic material

CO3: Describe various genetic abnormalities

CO4: Describe mutation and chromosomal aberrations

CO5: Describe uses and applications of r-DNA technology

Paper XXII (A)- Diversity of Angiosperms – II

Upon completion of the course, the students will be able to-

CO1: Describe characteristic feature of various families of angiosperm plants

CO2: Describe the importance of plants of various families

CO3: Describe various tools used in taxonomy

CO4: Describe botanical gardens, bio-reservoirs and conserved forests

CO5: Describe herbariums and gene banks

B.Sc.: Computer Science (Optional)

Programme Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand basics of Software

PSO2: Analyze Software system

PSO3: Develop software programs in the areas related to system software

PSO4: Develop software programs in the areas related to multimedia

PSO5: Develop software programs in the areas related to web designing

PSO6: Handle application program like databases, graphics

PSO7: Develop networking for efficient design of technology of varying reduce complexity

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Course Outcomes

I Year

Computer Fundamentals

Upon completion of the course, the students will be able to-

CO1: Discuss operating systems

CO2: Describe steps involved in high-level programming languages

CO3: Find solutions of complex problems

CO4: Discuss modern software engineering principles

Digital Electronics

Upon completion of the course, the students will be able to-

CO1: Describe logic gates and realization of OR, AND, NOT AND XOR Functions using universal gates

CO2: Design and implement combinational circuits like half adder/full adder, half subtractor /full subtractor, code converters, comparators, MUX/DEMUX

CO3: Design and implement sequential circuits like flip-flops, counters and shift registers

C-programming

Upon completion of the course, the students will be able to-

CO1: Illustrate the flowchart and design an algorithm for a given problem and to develop IC programs using operators

CO2: Develop conditional and iterative statements to write C programs

CO3: Exercise user defined functions to solve real time problems

CO4: Inscribe C programs that use Pointers toaccess arrays, strings and functions

CO5: Exercise user defined data types including structures and unions to solve problems

Operating Systems

Upon completion of the course, the students will be able to-

CO1: Discuss main components of an OS and their functions

CO2: Explain process management and scheduling

CO3: Discuss various issues in Inter Process Communication (IPC) and role of OS in IPC

CO4: Explain concept and describe implementation Memory management policies and virtual memory

II Year

Data Structure

Upon completion of the course, the students will be able to-

CO1: Explain concept of Dynamic memory management, data types, algorithms, Big O notation

CO2: Elaborate basic data structures such as arrays, linked lists, stacks and queues

CO3: Describe hash function and concepts of collision and its resolution methods

CO4: Solve problem involving graphs, trees and heaps

CO5: Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data.

Programming in CPP

Upon completion of the course, the students will be able to-

CO1: Describe procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects

CO2: Explain dynamic memory management techniques using pointers, constructors, destructors, etc

CO3: Describe concept of function overloading, operator overloading, virtual functions and polymorphism

CO4: Classify inheritance with the understanding of early and late binding, usage of exception handling, generic programming

DBMS

Upon completion of the course, the students will be able to-

CO1: Discuss various issues involved in design and implementation of a database system

CO2: Describe physical and logical database designs, database modeling, relational, hierarchical, and network models

CO3: Use data manipulation language to query, update, and management of database

CO4: Describe DBMS concepts such as: database security, integrity, concurrency

III Year

Software Engineering

Upon completion of the course, the students will be able to-

CO1: Discuss applications of software engineering

CO2: Utilize and exhibit strong communication and interpersonal skills, as well as professional and ethical principles when functioning as members and leaders of multi-disciplinary teams

CO3: Apply skills in software engineering to adapt changing environments using appropriate theory, principles and processes

Data Communication and Networking

Upon completion of the course, the students will be able to-

CO1: Define OSI reference model, TCP- IP reference model, network interface, and

CO2: Discuss design/performance issues in local area networks and wide area networks

CO3: Describe wireless networking

CO4: Discuss contemporary issues in networking technologies, network tools and network programming

Web Designing

Upon completion of the course, the students will be able to-

CO1: Describe history of internet and related internet concepts that are vital in understanding web development

CO2: Discuss insight of internet programming and implement complete application over the web

CO3: Demonstrate the important HTML tags for designing static pages and separate design from content using Cascading Style sheet.

CO4: Utilize concept of JavaScript‟s

Ethics and Cyber law

Upon completion of the course, the students will be able to-

CO1: Discuss Ethics and Cyber law

CO2: Elaborate insight of cyber rules and regulations

B.Sc.: Mathematics

Programme Specific Outcomes

At the time of graduation, the students will be able to:

PSO1: Acquire knowledge in basic Mathematics

PSO2: Communicate solutions of mathematical problems effectively

PSO3: Equip knowledge in various concepts involve in Calculus, differential equation, real analysis and algebra

PSO4: Acquire a breadth and depth of understanding in mathematics

PSO5: Understand reasonableness of solutions including sign, size, accuracy and units of measurement

PSO6: Apply mathematical proof techniques in a wide variety of mathematical areas, including algebra and analysis

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Course Outcomes

F.Y. B.Sc.

Semester I

Differential Calculus

At the end of the course, the students will be able to:

CO1: Solve problems on limits continuity and successive differentiation of Functions

CO2: Determine partial derivative of function more than one variable

CO3: Describe Rolle's Theorem, Lagrange"s mean value theorem and Cauchy"s mean value theorem

CO4: Determine expansion of e^x, sinx, cosx, sinhx, coshx, tanhx, log (ax+b) etc.

CO5: Determine gradient, divergence and curl and directional derivatives

Differential Equations

At the end of the course, the students will be able to:

CO1: Determine solution of first order linear differential equation

CO2: Determine solution of exact differential equation

CO3: Determine solution of linear equation with constant coefficient using general and short method

CO4: Determine solution of linear homogeneous differential equation

CO5: Explain formation of partial differential equation by eliminating the arbitrary constants and functions

Semester II

Integral Calculus

At the end of the course, the students will be able to:

CO1: Apply reduction formula

CO2: Find integration of algebraic rational functions

CO3: Apply fundamental theorem of integral calculus

CO4: Find the area bounded by a curve.

CO5: Calculate the length of arc of a curve.

CO6: Find line integral and surface integrals.

CO7: Apply the theorems of Gauss, Green"s and Stoke"s theorem

Geometry

At the end of the course, the students will be able to:

CO1: Identify and use different type of equations of plane

CO2: Determine equations of the system of planes and the length of perpendicular to a plane

CO3: Determine equation of right line and the angle between the plane and line

CO4: Determine condition for coplanar lines and short distance between two lines

CO5: Determine equation of sphere and its intersection with the plane

S.Y. B.Sc.

Semester III

Number Theory

At the end of the course, the students will be able to:

CO1: Describe division algorithm and solve the problem on it

CO2: Determine GCD and LCM by using Euclidean algorithm

CO3: Describe method of solving linear Diophantine equation

CO4: Determine solution of linear congruence

CO5: Describe Fermat‟s and Euler‟s theorem

Integral Transform

At the end of the course, the students will be able to:

CO1: Define beta and gamma functions and derive their properties and apply them in evaluating integrals

CO2: Determine Laplace transform for various functions, properties of Laplace transforms

CO3: Determine inverse Laplace transform, properties of inverse Laplace Transform, solve the problems using convolution theorem

CO4: Determine Fourier transform, properties of Fourier transform, Fourier sine and cosine transforms

CO5: Apply Laplace transform to find solutions of ordinary and partial differential equations

Mechanics-I

At the end of the course, the students will be able to:

CO1: Describe different types of forces, triangle law of forces, Parallelogram of forces, resultant of forces, sine rule and cosine rule

CO2: Explain resultant of several coplanar forces, equation of the line of action of the resultant, equilibrium of a rigid body under 3 coplanar forces

CO3: Explain Lammi‟s theorem and polygon of forces

CO4: Explain vector moment of a force and vector moment of couple

CO5: Describe basic concepts of centre of gravity and its applications

Semester IV

Numerical Methods

At the end of the course, the students will be able to:

CO1: Explain Bisection Method, Method of False Position, Newton-Raphson Method

CO2: Describe Finite Differences, Newton‟s Formula for Interpolation, Lagrange‟s Interpolation Formula, Divided Differences

CO3: Describe Least Square Curve Fitting Procedures, Fitting a straight line, Chebyshev polynomial, Power series

CO4: Calculate Solution of Linear system of equations, Eigen values and Eigen Vectors

CO5: Calculate solution of ordinary differential equation by Taylor‟s series Method, Picard‟s Method, Euler‟s Method

Partial Differential Equation

At the end of the course, the students will be able to:

CO1: Solve Lagrange‟s equation

CO2: Find different types of solutions like complete integral, Singular integral and general integral

CO3: Determine the solution of partial differential equations using Charpit‟s Method

CO4: Classify partial differential equations to special types

CO5: Describe Monge‟s Method, Method of transformation

Mechanics II

At the end of the course, the students will be able to:

CO1: Find velocity and acceleration in terms of vector derivatives, curvature, Angular speed and angular velocity

CO2: Describe Radial and Transverse components of velocity and acceleration, areal speed and velocity

CO3: Explain Newton‟s Law of motion, angular momentum, work, energy, vector point function, Field of force

CO4: Describe motion under gravity, projectile, Motion of projectile, Parabola of safety

CO5: Describe motion in resisting medium

CO6: Describe areal velocity of central orbit, Pedal‟s equation

T.Y. B.Sc.

Semester V

Real Analysis –I

At the end of the course, the students will be able to:

CO1: Describe sets, functions, real valued functions, countable sets, Least upper Bound axiom and greatest lower bound axiom.

CO2: Give different types of sequence such as convergent, Divergent, monotone and its properties

CO3: Describe limit superior, limit inferior and Cauchy sequence

CO4: Explain basic concepts of series such as convergent, divergent, alternating series

CO5: Describe absolute and conditional convergence of the series

Abstract Algebra- I

At the end of the course, the students will be able to:

CO1: Explain elementary concepts of sets, functions and integrals

CO2: Describe group, subgroup, counting principle, Normal subgroup, Quotient groups, Homomorphism

CO3: Define Ring, some special types of ring

CO4: Describe Ideals, Maximal Ideals

CO5: Explain quotient ring, polynomial ring

Mathematical Statistics-I

At the end of the course, the students will be able to:

CO1: Explain frequency distribution, Histogram

CO2: Describe measures of central tendency

CO3: Describe Dispersion and Kurtosis

CO4: Explain concepts of random variables and its characteristics

CO5: Explain concept of the probability with illustration

Semester VI

Real Analysis –II

At the end of the course, the students will be able to:

CO1: Find Limits in Metric spaces

CO2: Explain continuous functions on Metric spaces

CO3: Describe connectedness, completeness and compactness

CO4: Describe set of Measure zero, Riemann integral, Fundamental theorem of calculus.

CO5: Explain Fourier series

Abstract Algebra- II

At the end of the course, the students will be able to:

CO1: Describe elementary basic concepts of vector spaces

CO2: Explain Linear independence and bases

CO3: Describe dual spaces

CO4: Describe inner product spaces

CO5: Explain modules with illustrations

Mathematical Statistics-II

At the end of the course, the students will be able to:

CO1: Find Mathematical Expectation and generating functions

CO2: Explain theoretical discrete probability distribution

CO3: Describe uniform distribution, binomial distribution, Normal Distribution, Gamma distribution

CO4: Describe correlation coefficient

CO5: Describe regression with examples

B.Sc.: Physics

Programme Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand basic concepts of Mechanics, Optics, Thermodynamics and Mathematical methods of Physics

PSO2: Use effectively various basic measuring Instruments in laboratory

PSO3: Acquire Knowledge of mathematical Physics, Electronics, Statistical Physics and its applications

PSO4: Understand basic Laws of practical Physics

PSO5: Draw appropriate conclusions on outcomes of experiments

PSO6: Acquire ability to understand different types of crystal structures, classical and quantum theory of specific Heat, Electrodynamics with applications and Fibre Optics and its uses

PSO7: Understand and apply simple basics of Quantum mechanics

PSO8: Understand and solve Maxwell‟s equations

PSO9: Gain comprehensive knowledge of various techniques used in laser and its applications

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Course Outcomes

F.Y. B. Sc.

Semester I

Paper I –Mechanics, Properties of Matter

Upon completion of the course, the students will be able to:

CO1: Describe acceleration due to gravity, Newton‟s law of gravitation and basics of potential and fields

CO2: Discuss basic properties of matter, Young‟s modulus, Bulk modulus and Modulus of rigidity

CO3: Discuss properties of matter especially viscosity and surface tension

CO4: Define the general terms in acoustics intensity, loudness, reverberation etc.

Paper II- Heat & Thermodynamics

Upon completion of the course, the students will be able to:

CO1: Define Thermal Conductivity, coefficient of thermal conductivity, Thermal diffusivity, and resistivity; give comparison of conductivities of various metals

CO2: Describe reason for modification of gas equation; derive Vander Waals equation of state; define critical constants

CO3: Explain Transport phenomenon, mean free path with expression, thermal conductivity and viscosity

CO4: Formulate and solve problems in Thermodynamics and Heat; explain adiabatic

Process, isothermal process, reversible process, irreversible process and derive relevant equation, draw indicator diagram

CO5: Derive Thermodynamic parameters, Heat engine and Carnot Heat Engine, Maxwell‟s equation and their applications

Semester II

Paper-IV Geometrical and Physical Optics

Upon completion of the course, the students will be able to:

CO1: Describe and determine concept of cardinal point and different eye pieces

CO2: Explain interference phenomenon of light and its relevant experiments

CO3: Explain concept of diffraction of light and grating

CO4: Describe polarization of light and its related Experiments

Paper V- Electricity & Magnetism

Upon completion of the course, the students will be able to:

CO1: Describe the concept of Scalar, vector triple product of vector algebra and Solve divergence, gradient and curl

CO2: Explain Coulomb‟s law, Gauss law and dielectrics with mathematical derivation

CO3: Explain the concept of Biot-Savrat‟s Law, Ampere‟s Law and Ballistic Galvanometer

CO4: Elaborate growth and decay of LCR circuit

S.Y. B. Sc.
Semester III

Paper VII- Mathematical Physics and Relativity

Upon completion of the course, the students will be able to:

CO1: Explain partial differentiation, successive differentiation and total differentiation

CO2: Describe ordinary differential equation and solutions of first and second order differentiation equation

CO3: Elaborate theories and methods of statistical Physics and quantum statics

CO4: Explain principle of special theory of relativity and derive relevant equations including Einstein equation

Paper VIII- Modern Physics

Upon completion of the course, the students will be able to:

CO1: Explain Photoelectric Effect and its applications in various processes

CO2: Describe X- Ray radiation and its spectra

CO3: Explain theoretical aspect of Atomic mass, nuclear fission and Energy released in nucleus

CO4: Describe Particle accelerator, Cyclotron and Deuterons

Semester IV

Paper XI- General Electronics

Upon completion of the course, the students will be able to:

CO1: Describe semiconductors, Zener diode, Transistor and give its application

CO2: Explain Amplifier, RC coupling and Transistor biasing and discuss its applications

CO3: Describe theoretical and practical aspects of Oscillator and Multi-vibrator

CO4: Elaborate modulation, FM Modulation and AM wave

Paper XII- Solid State Physics

Upon completion of the course, the students will be able to:

CO1: Explain types of solids, miller indices, inter planner spacing and different types of Crystal structures

CO2: Elaborate concept of inter atomic forces and Kroning Penney Model

CO3: Describe classical theory of lattice heat capacity and Debye model; discuss limitations of Debye model

CO4: Discuss applications of free electron theory of Metals, Hall effect, Hall voltage and Hall coefficient and importance of Hall Effect

CO5: Describe transport properties of electrical conductivity thermal conductivity

T.Y. B. Sc.

Semester V

Paper XV- Classical & Quantum Mechanics

Upon completion of the course, the students will be able to:

CO1- Explain basic concept of Classical Mechanics, mechanics of particle, and mechanics of system of particle by using Newton‟s laws of motion

CO2- Derive Lagrange‟s equation and its various applications

CO3- Explain basic concepts of constraints, its types and Virtual work done

CO4- Discuss mathematical basics of quantum mechanics, explain matter wave, Group velocity, particle velocity, operators, wave function and expectation values

CO5- Derive Schrodinger time dependent and independent equation and describe particle in one-dimensional box

Paper XVI- Electrodynamics

Upon completion of the course, the students will be able to:

CO1: Describe and understand diversions, curl, and Gauss Law applications in Electrostatics

CO2: Explain concepts of self-induction, mutual induction and equation of continuity

CO3: Describe origin of Maxwell‟s equations in magnetic and dielectric media

CO4: Derive electromagnetic wave equation in conduction medium

CO5: Explain transport of energy and poyinting vector, poyinting theorem

CO6: Describe boundary condition for electromagnetic field vectors B, E, D and H

Semester VI

Paper XIX- Atomic, Molecular Physics & LASER

Upon completion of the course, the students will be able to:

CO1: Explain Thomson‟s atom model, Rutherford‟s nuclear atom model and Bohr‟s atom model

CO2: Describe the concepts of Vector atom model, quantum numbers, Coupling Scheme and Pauli‟s exclusive principle

CO3: Explain Zeeman Effect and Stark effect

CO4: Describe Rotation, Vibration Spectra, Raman Effect and its applications in various fields

CO5: Discuss LASER system and its properties, types of LASER and its medical, biological and industrial applications

Paper XX- Non-conventional Energy Sources and Optical Fiber

Upon completion of the course, the students will be able to:

CO1: Explain the concept of technologies of non-conventional sources of energy

CO2: Describe various renewable energy technology

CO3: Discuss non-conventional energy sources: Biomass, wind energy, tidal energy, ocean energy, geothermal energy and solar energy

CO4: Elaborate the concept of solar energy and its applications in various fields

CO5: Describe structures of optical fibers

CO6: Describe fiber fabrication techniques and testing of optical fiber cables

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Faculty : Commerce

B.Com.

Programme

Outcomes At the time of graduation, the students will be able to-

PO1: Work with various fields effectively in broad range of analytic, scientific, government, financial, health, technical and other positions

PO2: Learn to expand mathematical or statistical expertise independently when needed or for interest sake

PO3: Understand the components of written business plan **PO4:** Understand elements of feasibility analysis

PO5: Analyze market segmentation, size and trends, buyer behaviour and competitions **PO6:** Understand responsibility of accounting and its benefits

PO7: Proficient in technical skills required for preparation of financial statements and disclosures

PO8: Apply procedural knowledge in order to perform concept testing and collect consumer behaviour and feedback data

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Course Outcomes F.Y.

B.Com. Semester I

Business & Industrial Economics-I

Upon completion of the course, the students will able to-

CO1: Identify the consumer behaviour for their competitive approach

CO2: Calculate the benefits of economics and its theories in setting the objectives of business firm

CO3: Determine the concept of equilibrium to consumer satisfaction & factors price determination

CO4: Identify the limits of economic analysis

CO5: To conduct economic analysis using graphs

CO6: Identify various types of competition in market and determine the strategic approach of firm

CO7: Discuss the application of marginal analysis

Entrepreneurship Development-I

Upon completion of the course, the students will able to-

CO1: Identify Entrepreneurship Development in twenty first century

CO2: Describe role of Entrepreneurs in Economic Development

CO3: Describe trends in Entrepreneurship

CO4: Classify life cycle of Project

Business Mathematics & Statistics I

Upon completion of the course, the students will able to-

CO1: Determine critical outcomes from collected data

CO2: Identify the P-value of current data

CO3: Identify the connection between theory and applications data analysis

CO4: Describe the results of collected data by using mathematical and statistical literacy

Financial Accounting –I

Financial Accounting -II

Upon completion of the course, the students will able to-

CO 1: Write difference between hire purchase system and instalment purchase method

CO 2: Prepare Final Statements of Accounts of sole trader and solicitor

CO 3: Able to prepare Final Accounting of Non-trading

CO 4: Perform calculation and payments concern in case of Royalty Undertakings

Computer Application in Business – I

Computer Application in Business – II

Upon completion of the course, the students will able to-

CO1: Calculate Computers different number system

CO2: Explain and Correlate the Computers High-Level, Low-Level, Assembly-Language

CO3: Describe Word Document and Various Functions of Word

CO4: Calculate numerical examples in Excel and different Functions of Excel Sheet

CO5: Explain different Functions to crate the PPT Presentation, Slide Effects in PowerPoint

Semester II

Business Organization & Management –II

Upon completion of the course, the students will able to-

CO1: Determine basic concepts of management

CO2: Identify the functions of management in business

CO3: Give planning and Decision making in business organization

CO4: Determine importance of motivation & communication

CO5: Determine as an individual a smart and self esteemed

Entrepreneurship Development -II

Upon completion of the course, the students will able to-

CO1: Determine the activities in setting-up enterprise

CO2: Evaluate elements of company structure

CO3: Give procedures to create new ideas which consist of brainstorming activities, focus groups, research

Business Mathematics & Statistics -II

Upon completion of the course, the students will able to-

CO1: Describe the results of collected data by using mathematical and statistical literacy

CO2: Calculate the correlation of Coefficient with various methods

CO3: Calculate the probability of any event

CO4: Identify regression of any event

S.Y. B.Com.

Semester III

Principle of Business Management -I

Upon completion of the course, the students will able to-

CO1: Determine correct action plan for successful execution of task

CO2: Identify qualities of HR and classify HR according to requirement of task skills

CO3: Describe principles of management in application of its functions in daily activity

CO4: Determine periphery of designation and calculate authoritative actions

Business Regulatory Framework – I

Upon completion of the course, the students will able to-

CO1: Determine correct and lawful object for making of contract

CO2: Identify and differentiate various types of valid contract with enforceability

CO3: Calculate risk of absence of any element essential for enforceability of valid contract

CO4: Describe significance of consideration for a promise

CO5: Classify various concepts of in mercantile law

Financial Management -I

Upon completion of the course, the students will able to-

CO1: Identify various investment avenues for the purpose of capital raise

CO2: Identify the requirement of optimum capital in business

CO3: Determine the cost of capital according to their debt

CO4: Identify optimum utilization of available resources

CO5: Give proper planning for budgeting

I.T Application in Business- I

I.T Application in Business -II

Upon completion of the course, the students will able to-

CO1: Elaborate Importance of Tally and Computerised Accounting

CO2: Identify and create voucher entry, Payment voucher, Receipt voucher, Credit and Debit Note

CO3: Explain e-commerce and its applications

CO4: Describe online shopping and E - marketing

CO5: Explain Electronic Business and E- commerce

Semester IV

Principle of Business Management –II

Upon completion of the course, the students will able to-

CO1: Evaluate significance of two way communication in any business

CO2: Describe proper hierarchy of management and identify correct protocol of reporting

CO3: Identify qualities and role of leaders

CO4: Describe the stages in motivation

Business Regulatory Framework - II

Upon completion of the course, the students will able to-

CO1: Describe various concepts in contract of sale

CO2: Determine the various negotiable instruments for performing the contract

CO3: Identify the redresser machinery for consumer protection

CO4: Identify the various rights of human

Corporate Accounting – I

Corporate Accounting - II

Upon completion of the course, the students will able to-

CO1: Differentiate equity share capital and preference share capital

CO2: Explain process of Issue of Debenture and Redemption of Debentures

CO3: Classify expenses and Income as well as Assets and liabilities to Prepare final statement of Accounts

CO4: Explain process of reconstruction and liquidation

CO5: Elaborate process of amalgamation absorption and holding of companies and relationships between them

Financial Management- II

Upon completion of the course, the students will able to-

CO1: Identify sources for capital structure

CO2: Calculate the rate of return on investment with various methods

CO3: Determine optimum utilization of capital structure to increase wealth of going concern

CO4: Identify and calculate the requirement of working capital in business activities

CO5: Describe the significance of leverages in financial Management

CO6: Identify correct dividend policy according to business motive

T.Y. B.Com.

Semester V

Cost Accounting - I

Upon completion of the course, the students will able to-

CO1: Determine per cost of units

CO2: Explain quality strategy to reduce the cost of product and increase the level of profit by maintaining quality of goods

CO3: Explain methods of distribution of Overhead

CO4: Identify methods of time keeping and time booking for labour control

Direct & Indirect Taxes- I

Direct & Indirect Taxes - II

Upon completion of the course, the students will able to-

CO1: Calculate taxable amount for tax payment

CO2: Determine tax exemption and increases amount for saving

CO3: Describe and differentiate tax amount under various leads

CO4: Evaluate application of fiscal policy and determine policy for tax planning

CO5: Classify tax amount according to tax slab rates

Management Accounting -I

Upon completion of the course, the students will able to-

CO1: Calculate various methods of ratio analysis

CO2: Differentiate fund flow and Cash flow Statement

CO3: Prepare cash budget, flexible budget and different activities budget

CO4: Explain difference between Management Accounting and Financial Accounting

Advance Financial Accounting- I

Upon completion of the course, the students will able to-

CO1: Determine concept of Social accounting

CO2: Identify allocation of Departmental Expenses

CO3: Identify Purchase and sales of investment before the date of payment of cum-interest and ex-interest

CO4: Classify forms of balance sheet as per scheduled sated Form A and Form B in Bank Final Account

New Auditing Trends- I

Upon completion of the course, the students will able to-

CO1: Explain Duties and Liabilities of Company Auditor

CO2: Describe methods of verification as per audit standards

CO3: Classify vouching process according to the expectation of board of auditors

CO4: Evaluate transparency and calculate interdepartmental malpractices

Information and Communication Technology – I

Information and Communication Technology - II

Upon completion of the course, the students will able to-

CO1: Explain Structure of C programming, data types and C tokens

CO2: Define and declare arrays, single dimensional and multi-dimensional

CO3: Describe Internet banking system in India, types of E- payment cards

CO4: Explain E banking – NEFT, RTGS and security in e banking- SSL and Firewalls

CO5: Describe ERP models or products, BPO and knowledge management IT‟s life cycle

Semester VI

Cost Accounting -II

Upon completion of the course, the students will able to-

CO1: Calculate process cost to reduce the unnecessary expenditure in process of production

CO2: Describe elements of cost and classify it to apply strategic approach in reduction of cost and improvement in level of productivity

CO3: Calculate work in progress profit on Contract

CO4: Classify Reconciliation of Cost and Financial Accounts

Management Accounting -II

Upon completion of the course, the students will able to-

CO1: Prepare capital budget

CO2: Identify Cash Budget

CO3: Explain pay-back period method

CO4: Describe benefits of Responsibility Accounting

Advance Financial Accounting –II

Upon completion of the course, the students will able to-

CO1: Describe Stock market and procedure of D-mat Accounts

CO2: Determine Insolvency of an Individual and preparation of accounts as per act

CO3: Identify rules regarding application of cash and accrual basis system in Local Government Accounts

CO4: Classify accounts of farm accounting of Dairy and Poultry with special adjustment

New Auditing Trends –II

Upon completion of the course, the students will able to-

CO1: Determine style of presentation of report writing

CO2: Explain importance of Human Resource Audit

CO3: Describe difference between Audit and Investigation **CO4:** Explain Auditor‟s role under Income Tax Act

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Faculty: Arts

B. A.

Programme Outcomes

At the time of graduation, the students will be able to -

PO1: Understand basic principles of social sciences

PO2: Analyse and make conclusions from acquired information

PO3: Understand and correlate various social issues

PO4: Do critical thinking on multiple aspects effectively

PO5: Apply various principles of social sciences to solve social, psychological and general administration related issues

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B.A. Marathi

Program Specific Outcomes

अभ्मावक्रभाचे शळषण घेत अवताोना वलद्मार्थमाारा ा गोष्ट्ीोचे सान, कौळल्म प्राप्त शोत खारीर लौ ळप्मऩण

PSO1: वलद्मार्थमाांना भयाठी बाढ़ेच्मा प्राथशभक कौळल्म प्राप्त शोते

PSO2: अध्ममनार्थमाांना भयाठी बाढ़ेच्मा प्राचीन, भध्मम ीन आणण आधुनक वाहशत्माची ओऱख शोत

PSO3: भयाठी ब ाढ़ेच्मा अभ्मावाभ े ब ाढ़ेलय प्रब्तू ल ननभ ाण श ोऊन एक उतभ लक्ता, कल ी,

व वॉचारक शोण्मावाठीचे सान प्राप्त शोत

PSO5: व ोतवाहशत्माच्मा अभ्मावाभ े उतभ व्माख्माता ल र ोककर ाोचे जतन कयण्माव ाठी च े क ौळल्म प्राप्त श ोत

PSO6: वलद्माथी ब ावढ़क दृष्मा वषभ फनल्मान े शळषण ष ेात अध्माऩन कयण्माव ाठी च े क ौळल्म प्राप्त श ोत

PSO7:भयाठी ब ाढ़ेच्मा अभ्मावाभ े ब ावढ़क अध्माऩनावाठी स ान प्राप्त श ोत

F.Y. B.A.

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efJe<eÙe : ce**je**"er ØeLece Je<l **(eÉl**eerÙe Yee<ee**) MAR 01**

~~S~~e$e heefnues : DeYÙee~~S~~eheef$ekeâe ieÅe – heÅe Je GheÙeesefpele ce**je**"e **MAR 01**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ी ोचे, सान,कौळल्म अलगत ऩ शोते

CO1: यशवक रषण मा ऩाठाची भध्मलती कल्ऩना स्प्ष्ट् कया

CO2: ऩयभेश्लयाचे बवलतव्म मा ऩाठात कोणता वॉदेळ देण्मात आरा आशे?

CO3: भन कया य े प्रवन्न म ा ा च्मा ळब्दात व्मक्त कया
कवलतच आळम त

CO4: ी आत ीर यत्न भ ोु दयाज कोणता उऩदेळ कयतात?
ध म ा कवलतत

CO5: ऩाडवद ेला म ा कवलतच्मा ळ ीढ़क ाच ी वभऩकत ा स्पऩष्ट् कया

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अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ी ोचे, सान,कौळल्म अलगत ऩ शोते

CO1: ळ ेल्च े क ीतन म ा ऩाठात व ोत ग ाडग े फ ाफा क ोणता व ॉद े ळ द े तात?

CO2: ब मा कथेची भध्मलती कल्ऩना स्पऩष्ट् कया

: फ ाऩ म ा कवलतचे

CO3: आई म ा
कवलतच

CO4

ा आळम त

ा आळम तभु

च्मा

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CO5: अशलार रेखन वॉसा स्प्ऩष्ट् कया

F.Y. B.A.

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DeYÙeeस्e heef$ekeâe– heefnueer

keâeJÙeeòcekeâस्eeefnlÙe **MAR 101**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: वोवाय मा कवलतची भध्मलती कल्ऩना स्प्ऩष्ट् कया

CO2: त ायी मा कवलतच ा आळम त च्मा ळब्दात स्प्ऩष्ट् कया

CO3: स्लप्नाोचीी वभाप्तीी मा कवलतच ा आळम त च्मा ळब्दात स्प्ऩष्ट् कया

CO4: ऩाणी मा कवलतच्मा आधाये ऩाण्माचे भशत्ल स्प्ऩष्ट् कया

CO5: नाभदेल ढवाऱ मोची काव्मवोऩदा थोडक्मात भाहशती शरशा

DeYÙeeस्eheef$ekeâe – ogस्ejer

veešŸeeòce eeefnlÙe MAR 102

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: पा्रेरा ऩतोग मा ना्काच्मा ळीऴकाची वभऩकता स्प्ऩष्ट् कया

CO2: गी झारी शो मा ना्कात कोणता वोदेळ देण्मात आरेरा आशे भ

CO3: मातना उत्वल मा ना्कातीर भध्मलती वोकल्ऩना स्प्ऩष्ट् कया

CO4: उऩये मा ना्काच्मा कथानकाची चचाा कया

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keâLeeòcekeâस्eeefnlÙe **MAR 103**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: बोभक्मा कथेची भध्मलती कल्ऩना स्प्ऩष्ट् कया

CO2: गॊधीजी २००१ मा कथेची भध्मलती कल्ऩना स्प्ऩष्ट्

कया CO3: आऩण भाणवात जभा नाशी मा कथेचे कथानक

वॊगा

CO4: हशळोफ मा कथेतीर ऩात्र चचाा कया

CO5: नदीकाठचा प्रकाय मा कथेचे कथानक वाॊगा

CO6: चचगी भहशण्माची झारी नाशी तोच मा न्ाकात कोणता वोडे दे ण्मात आरे रा आशे

DeYÙeeeheef$ekeâe- **चौथी**

cegefõle ceeOÙeceebÊee"er uesKeve keâewMeuÙes **MAR 104**

अभ्मावक्रभाचे शळषण ा झाल्मानॊतय वलद्मार्थमाारा खारीर गोष्ट्ी ॊचे, सान,कौळल्म अलगत ऩ शोते

CO1: ऩत्ाचे स्लरूऩ ल भशत्ल वा ॊगा ल्ृ

CO2: ाखत मा तॊत्राची ओऱख करून द्मा भ

CO3: जाहशयात रेखन मा तॊत्राची ओऱख करून द्मा

CO4: ननवलदा रेखन मा तॊत्राची ओऱख करून द्मा

CO5: स्तॊबरेखन मा रेखन तॊत्राची ओऱख करून द्मा

yeer. S./ yeer.Sssseer./yeer.keâe@ce. II

efJe<eÙe : ceje"er efÉleerÙe Je<ek (efÉleerÙe Yee<ee)

ee$e heefnues

ieÅe – heÅe Je GheÙeesefpele ceje"e **MAR 03**

अभ्मावक्रभाचे शळषण ा झाल्मानॊतय वलद्मार्थमाारा खारीर गोष्ट्ी ॊचे, सान,कौळल्म अलगत ऩ शोते

CO1: रोकवोस्कृ ती म्शणजे काम?

CO2: ननष्टकऴा मा कवलतचा आळम स्प्ऩष्ट् कया

CO3: ऩरयबाऴा तॊत्र , स्लरूऩ स्प्ऩष्ट् कया

CO4: लाइभमरेखन प्रकायाॊचा ऩरयचम करून द्मा

CO5: जरननमोजन तॊत्र ल स्लरूऩ स्प्ऩष्ट् कया

स्$e ogस्ejs

ieÅe – heÅe Je GheÙeesefpele ceje"e **MAR 04**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: ब मा ऩाठाची भध्मलती वोकल्ऩना वोगा

CO2: गबाळमात अवताना मा कवलतच्मा ळीऴकाची वभऩकता स्पऩष्ट् कया

CO3: कऱव ी फाशूरी ा आळम स्पऩष्ट् कया
मा कवलतच

CO4: वोगणकाची लैशळष्मे कोणती?

CO5: इो्यन् स्लरूऩ ल काम्ण्णारी वाोगा

B.Com. II

efÉleerÙe Yee<ee ceje"e

स्$e नतवये

JeeefpepÙe JÙeJenej, JÙeJeस्eeÙe Deeefpe ceje"er Yee<ee

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: बाऴा म्शणजे काम?

CO2: व्माऩाय व्मलशायात लाचन वोस्कृतीचे भशत्ल स्पऩष्ट् कया

CO3: ऩत्र रेखनाचे तोत्र ल स्लरूऩ वाोगा

CO4: जागनतकीकयणात भयाठी बाऴेचे भशत्ल स्पऩष्ट् कया

CO5: ननफोध अथा ल स्लरूऩ स्पऩष्ट् कया

चौथे

JeeefpepÙe JÙeJenej, JÙeJeस्eeÙe Deeefpe ceje"er Yee<ee

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: कामाारमीन तोत्ररेखनचे तोत्र ल स्लरूऩ स्पऩष्ट् कया

CO2: अन ाद म्शणजे काम?

CO3: जनवॊनकाभाध्मभाॊची व्माख्मा वाॊगा

CO4: जाहशयातीची वलवलध घ्क कोणते?

CO5: व्म ान ायाच ी व्म ाख ्म ा ल स्लरून

व ाॊगा CO6: व्मानायारा भदत कयणायी

वाधने कोणती?

S.Y. B.A.

ceje"e (SsefÛÚkeâ)

स्e$e नतवये

DeYÙee सheef$ekeâ heeÛeJeer

DeeOegefvekeâ ceje"er JeeN[ceÙeeÛee Fefleneसe (F.स. 1800 les 1920) MAR 105

अभ्मावक्रभाचे शळषण न ा झाल्मानॊतय वलद्मार्थमाारा खारीर गोष्ट्ीॊचे, सान,कौळल्म अलगत शोत े CO1: व ॊस्क ृत ीच ी व ॊकल्नना स्नष्ट् कया

CO2: इ.व. १८०० त े इ.व. १८७४ म ा क ारखॊड ाच ी व ाॊस्क ृनतक न ाळ ालब ी स्प्नष्ट् कया.

CO1: ननफॊध म्शणजे काम?

CO3: ळतनत्रे मावलळमी भाहशती वाॊगा

CO4: कथ ा लाङ्भम ाच े स्लरून

थ ोडक्मात व ाॊगा CO5: काद ॊफय ी

लाङ्भम ाच े स्लरून स्नष्ट् कया

DeYÙeeसheef$ekeâ सeneJeer

Âkeâ – ßeeJÙe ceeOÙeceebसee"e uesKeve keâewMeuÙes MAR 106

अभ्मावक्रभाचे शळषण ा झाल्मानॊतय वलद्मार्थमाारा खारीर गोष्ट्ीॊचे, सान,कौळल्म अलगत न शोते

CO1: नबोलाणी म्शणजे काम?

CO2: नब ोल ाण ीच ्म ा ज ाहशयातीच े स्लरून स्नष्ट् कया

CO3: दय ू च त्रल ाण ीच े स्लरून थ ोडक्मात व्मक्त कया

CO4: दय ू च त्रल ाण ी क ाम्भ ाच े प्रक ाय क ोणत े?

CO5: नब ोल ाण ीलय ीर फ ातभ ीनत्र ाच े स्लरून स्नष्ट् कया

स्e$es चौथे

DeYÙeeरheef$ekeâe रeleJeer

DeeOegefvekeâ ceje"er JeeÌ[ceÙeeÛee Feflenere (F.स्e. 1800 les 1920) MAR 107

अभ्मावक्रभाचे शळषण ा झाल्मानोंतय वलद्मार्थमाारा खारीर गोष्ट्ीोंचे, सान,कौळल्म अलगत न् शोते

CO1: न ा ्मल ाङ्भम ाच े स्लरूऩ स्ऩष्ट् कया

CO2: भयाठी योंगब ीचा उद्मा मालय थोडक्मात भाहशती शरशा

CO3: व ोंगीत न ा ्काच े स्लरूऩ कव े अवत े ते व ा ोंगा CO4: काव्म लाङ्भम ाच े स्लरूऩवलळ ेळ स्ऩष्ट् कया CO5: चरयत्र ल आत्भचरयत्र मातीर पयक स्प्ष्ट् कया

DeYÙeeÒeheef$ekeâe Dee"Jeer

Òeeefnlÿe Økeâejeblej Deeefण Òeeefnlÿeeÿes ceeOÿeceeblej MAR 108

अभ्मावक्रभाचे शळषण ा झाल्मानोंतय वलद्मार्थमाारा खारीर गोष्ट्ीोंचे, सान,कौळल्म अलगत न् शोते

CO1: वाहशत्म प्रकायानोंतय वोंकल्ऩना स्ऩष्ट् कया

CO2: व ाहशत ्म प्रक ायान ोंतय च े स्लरूऩ व ा ोंगा CO3: भाध्मभ वोंकल्ऩना थोडक्मात स्प्ष्ट् कया

CO4: चचत्रऩ ्, ऩ ्कथ ा र ेखन ाच े स्लरूऩ ाच ी चच ा ा कया

CO5: रघ ु ल रघ ुाचे कथारेखन मावलळमी चचाा कया

T.Y. B.A.

efJe<eÙe : ceje"er (SsefÛÚkeâ)

Òe$e – ऩाचले

DeYÙeeÒeheef$ekeâe 9 Jee Yeejleerÿe Òeeefnlÿe efJeÛeej

अभ्मावक्रभाचे शळषण ा झाल्मानोंतय वलद्मार्थमाारा खारीर गोष्ट्ीोंचे, सान,कौळल्म अलगत न् शोते

CO1: वाहशत्माची व्माख्मा वोंगा

CO2: बयतीम व ाहशत ्मक ा ोंन ी व ा ोंचगतर ेर ी व ाहशत ्म ाच ी प्रमोजन े क ोणत ी?

CO3: प्रनतबा म्शणजे काम?

CO4: यववलघ्ने म्शणजे काम ल कोणती ?

CO5: भयाठीतीर ळब्दळक्ती कोणत्मा ते वाॊगा

DeYÙeeसheef$ekeâe **10** Jee

Yee<ee efJe%eeve

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: बाऴा म्शणजे काम?

CO2: बाऴेची लैशळष्ट्मे कोणती?

CO3: स्लन म्शणजे काम?

CO4: खोडडत स्लननभ ल खोडाचधत्ठत स्लननभ मातीर पयक स्पऩष्ट् कया

CO5: प्रभाण बाऴा ल फोरी बाऴा मातीर पयक स्प्ऩष्ट् कया

DeYÙeeसे heef$ekeâe – **11** Jee

efJe<eÙe : cegKÙe ceje"e

ceOÙeÙegieerve ceje"e Jee*ceÙeeÛee Feflenesे **(**ØeejbYe ls **1600)**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: भशान **ाल ऩोथ थोडक्मात भाहशती शरशा**

CO2: भशान **ालोचे गद्म वाहशत्म चचाा कया**

CO3: लायकयी वोप्रदामाचे लाड्भमीन कामा भाहशती शरशा

CO4: वोत एकनाथोची लाड्भमीन यचना मावलऴमी चचाा कया

CO5: वोत त ायाभोचे कवलत्ल मावलऴमी चचाा कया

DeYÙeeसे heef$ekeâe – **12** Jee

Øekeâuhekeâe Ùe& Yeeie **– 1**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: रेखन कौळल्मे कोणती?

CO2: प्रकल्प म्शणजे काम?

CO3: प्रकल्पाचे स्लरून लैशळष्मे स्पष्ट् कया

CO4: प्रकल्न ननलडी भागची बाू भका स्पनष्ट् कया

CO5: वभीषणाचे वलवलध नैरू कोणते?

स्e$e – वशाले

DeYÙee sheef$ekeâe **13** Jee

hee$eelÙe eeefnlÙe efJeÛeej

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: वाहशत्माची व्माख्मा वोगा

CO2: ऩाश्चात्म वाहशत्मकाोनी वाोचगतरेरी वाहशत्माची प्रमोजने कोणती?

CO3: वाहशत्माची ननशभती प्रक्रमा स्पनष्ट्

कया **CO4:** भाक्वलादी वाहशत्मवलचाय चचाा

कया **CO5:** भाक्वलादी वभीषा ऩद्धती चचाा कया

DeYÙeesheef$ekeâe **14** Jee

JÙeekeâjÙe Je efveyeb0e uesKeve

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: ळब्दाोच्मा जाती क्रकती ल कोणत्मा?

CO2: वोधीचे प्रकाय स्प्नष्ट् कया

CO3: वभाव म्शणजे काम?

CO4: अरोकाय म्शणजे काम?

CO5: ननफोधाची व्माख्मा स्प्नष्ट् कया

DeYÙeesse heef$ekeâe – **15** Jeer

ceOÙeÙegieerve ceje"e Jee*ceÙeeÛee Feflenesse **(1601** les **1818)**

अभ्मावक्रभाचे शळषण ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोचे, सान,कौळल्म अलगत ऩ शोते

CO1: नोडडती वाहशत्म म्शणजे काम?

CO2: नोडइती वाहशत्माची प्रेयणा ल लैळीष्मे स्पनष्ट् कया

CO3: भोयोनोत मोंचे ग्रोथ चचाा कया

CO4: ळाहशयी लाङ्भम म्शणजे काम?

CO5: ळाहशयी लाङ्भम वाहशत्माची प्रेयणा ल लैळीष्मे स्पनष्ट् कया

CO6: फखय वाहशत्माची प्रेयणा ल लैळीष्मे स्पनष्ट् कया

DeYÙeeshe heef$ekeâe – **16** Jeer

(cegKÙe ceje"er**)**

Øekeâuhekeâeìe& Yeeie – **02**

अभ्मावक्रभाचे ा झाल्मानोतय वलद्मार्थमाारा खारीर गोष्ट्ीोंचे, सान,कौळल्म अलगत शळषण नणूशोते

CO1: वभीषा म्शणजे काम?

CO2: वोळोधन दृष्टी चचाा कया

CO3: फोरीबाळेची लैशळष्मे कोणती?

CO4: रोकवाहशत्म म्शणजे काम?

CO5: रोकवाहशत्माचे वलवलध प्रकाय स्पनष्ट् कया

B. A. Hindi

Programme Specific Outcomes

PSO1: हशदी बाळा के भशत्ल को वभझते शुए हशद ी के वलशबन्न रूपों (याष्टरबाळा,वोनक बाळा,वोंचाय बाळा) वे नरयचचत शोगे ।

PSO2: हशदी वाहशत्म के भाध्मभ वे छात्रों भें जीलन भ मों के प्रनत आस्था ननभााण शोगी ।

PSO3: वाहशत्म एलों वभाज के अतयवोंफोध को वभझ वकें गे ।

PSO4: अध्ममन के द्लाया वाहशत्म के प्रनत रुचच ननभााण शोगी ।

PSO5: छात्र हशदी वाहशत्म की वलवलध वलधाओं तथा वाहशत्मकायों वे ऩरयचचत शोगे।

PSO6: हशदी वाहशत्म के इनतशाव तथा वलकाव का सान प्राप्त शोगा।

PSO7: वाहशत्म के भाध्मभ वे छात्रों भें वॉलेदना का वलकाव शोगा।

PSO8: **वाहशत्म एलॊ बाऴा के अध्ममन वे छात्र वजन ात्भक रखले की ओय फढ़ेंगे** ।

PSO9: व्मालवानमक द ृत्ष्ट ी के भशत्ल को वभझेंगे ।
वे हशदों ी के वलशबन्न प्रमोगषेत्रों की जानकायी प्राप्त शोगी ।

PSO10: लतभान नयरयप्रेक्ष्म
भें हशद

PSO11: छात्र हशद ी के क बाऴा केरूऩ को वभझेंगे।
प्रमोजनभ

PSO12: क हशद ी के अध्ममन द्लाया छात्रों भें बाऴामी कौळर
प्रमोजनभ

(**श्रलण**,**बाऴण**,**लाचन**,**रेखन**) **वलकशवत शोगे** ।

PSO13: लैश्लीकयण केदौय भें अन ाद की आलश्मकता एलॊ अननलामत ा वेऩरयचचत शोगे ।

Course Outcomes

F.Y. B.A.

Semester I

प्रश्नऩत्र क्र॰ – I **द्वलतीम बाऴा** (S.L.) **हशन्दी**

CO1: कशानी की ऩरयबाऴा देते शुए हशन्दी कशानी के वलकावक्रभ ऩय प्रकाळ डाशरए

CO2: कशानी के तत्लों ऩय ववलस्ऩ्तय चचा कीत्जए

CO3: „**शाय की जीत**"**कशानी का वाय शरणखए**

CO4: हशन्दी बाऴा केउद्बल एलॊ वलकाव को स्ऩ्ष्ट् कीत्जए

CO5: देलनागयी शरवऩ की लैसाननकता ऩय प्रकाळ डाशरए

ऐत्च्छक प्रश्नऩत्र (Optional Paper) **हशन्दी**

प्रश्नऩत्र क्र॰ – I **उऩन्माव वाहशत्म**

CO1: „**उऩन्माव**" **वलधा का स्लरूऩ एलॊ ऩरयबाऴा ऩय हप्ऩणी रीणखए**

CO2: हशन्दी उऩन्माव की वलकाव मात्रा को स्ऩ्ष्ट् कीत्जए

CO3: „आऩका फो्ी"उऩन्माव भें चचत्रत पारभानशवकता नय

प्रकाळ डाशरए CO4: उऩन्मावकाय मळऩार को व्मत्क्तत्ल एलॊ कृ

ततत्ल नय चचाा कीत्जए CO5: „उऩन्माव" को कर्थम एलॊ शळल्न नष

वे कमा ताल्नमा शैं, वभझाइए

प्रश्नऩत्र क्र॰ – II नाक वाहशत्म

CO1: हशन्दी न्ाक के वलकावक्रभ ऩय प्रकाळ डाशरए

CO2: नाुक रेखन के शरए आलश्मक तत्लों ऩय चचा कीत्जए

CO3: वलजम ऩला न्ाक का वाय शरणखए

CO4: वाहशत्म एलॉ वभाज के अतयवॉफॉध को स्प्ऩष्ट् कीत्जए

CO5: शोयी का चरयत्र चचत्रण कीत्जए

Semester II

प्रश्ननत्र क्र. – II **द्वलतीम बाळा** (S.L.)

CO1: दज का ्ीका कशानी का वाय शरणखए

CO2: कशान ी वाहशत्म भ े चचत्रात ग्राभीण जीलन क ो वलळद कीत्जए

CO3: हशन्द ी क े प्रम ोजनभ क बाळ ा रून क ो स्नष्ट् कीत्जए

CO4: हशन्द ी क े व्मालशारयक र ेखन नष (वॉषेन्ण तथ ा नल ्रलन) नय चच ा कीत्जए

CO5: कम्प्म य भें हशन्दी के फढ़ते प्रमोग औय उवके भशत्ल को वभझाइए

ऐत्च्छक प्रश्ननत्र (Optional Paper)

प्रश्ननत्र क्र. - III **हशन्दी गद्म वाहशत्म**

CO1: कशानी की नरयबाळा देते शुए हशन्दी कशानी के वलकावक्रभ नय प्रकाळ डाशरए

CO2: हशन्दी व्मॉग्म की वलकाव मात्रा का नरयचम दीत्जए

CO3: भानली जीलन नय शाली शोत े श ुए फाज़ाय का चचत्रण 'वलसान्न भ ें ग्रकती नायी' इव यचना भ ें श ुआ शैं, स्पन्ष्ट् कीत्जए

CO4: ,,वन्ना' कशानी का वाय शरणखए

CO5: **वयकाय ी नौकरयम ों भ ें शोन े लारी ध ाॉधशरमों क ा व ्ीक** चचत्रण '

इ ॉ ्यव ्म ू भोपतरार क ा शोन ा डडप् ्ी करेक् ्य' यचना भें शुआ शैं वभझाइए

प्रश्ननत्र क्र. - IV **एकॉकी वाहशत्म**

CO1: हशन्द ी गद्म क ी नलीनतभ वलध ा एक ाॉकी क ी नरयबाळा एलॉ स्लरून नय प्रक ाळ डाशरए

CO2: हशन्द ी एक ाॉकी क ी वलकावमात्र ा नय चच ा कीत्जए

CO3: हशन्दी एकॉकी वाहशत्म भें भहशरा यचनाकायों के मोगदान को स्पन्ष्ट् कीत्जए

CO4: हशन्द ी एक ाॉक्रकमों भ ें अशबव्मक ्त वाभात ्जक जीलन नय प्रक ाळ डाशरए

CO5: एकॉकी के कथभ एलॉ शळल्न नष नय प्रकाळ डाशरए

S.Y. B.A.

Semester III

प्रश्ननत्र क्र. – III **द्वलतीम बाळा** (S.L.)

CO1: हशन्दी वाहशत्म की वलशबन्न गद्म वलधाओं ऩरयचम दीत्जए

CO2: वॉस्प्भयण वे तात्ऩमा स्प्ऩष्ट् कीत्जए

CO3: क हशन्द्ी को स्प्लरून् को स्प्ऩष्ट् कयते शु ए वलळक़ताओं ऩय प्रकाळ डाशरए प्रमोजनभ

CO4: बाऴा शळषण की प्रक्रिया ऩय चचा कीत्जए

CO5: व्मालवानमक दृष्ट् वे हशदी को भशत्ल ऩय प्रकाळ डाशरए

ऐत्च्छक प्रश्नऩत्र (Optional Paper)

प्रश्नऩत्र क्र॰ – V **कथेतय गद्म वाहशत्म**

CO1: कथेतय गद्म की वलशबन्न वलधाओं (जीलनीऩयख नऩयख रेख,ननफोध) ऩय चचा

रेख,व्मोग्म,चचकीत्जए

CO2: 'भशात्भा गॉधी' इव यचना का वाय शरणखए

CO3: 'जीलन का व्मलवाम' इव यचना भें अशबव्मक्त नायी वलऴमक वलचायों ऩय चचा कीत्जए

CO4: 'नदीमा गशयी नाल ऩ ानी' इव मात्रा लत ाोत भे चचात्रात प्रकृ नत वौन्दमा को स्प्ऩष्ट् कीत्जए

CO5: 'रयशाई' (वॉस्प्भयण) का वाय अऩने ळब्दों भें शरणखए

प्रश्नऩत्र क्र॰ - VI **प्रमोजनभ क हशन्द्ी**

CO1: प्रमोजनभ क हशन्द्ी की वलळक़ताओं ऩय प्रकाळ डाशरए

CO2: हशन्दी बाऴा के नाभकयण एलॉ क्रशभक वलकाव को स्प्ऩष्ट् कीत्जए

CO3: हशन्द्ी को अन्तयात्ष्टरम ऩरयदृश्म ऩय चचा कीत्जए

CO4: बाऴा एलॉ शरवऩ के फीच के अतय को स्प्ऩष्ट् कीत्जए

CO5: बाऴा भानकीकयण की प्रक्रिया वभझाइए

Semester IV

प्रश्नऩत्रक्र॰ – IV **द्वलतीम बाऴा** (S.L.)

CO1: 'स्त्री घय' इव यचना भें अशबव्मक्त नायी जीलन की लास्प्तवलकता ऩय चचा कीत्जए

CO2: 'कय कभर शो गए' इव यचना का वाय शरणखए

CO3: फाैं को ग अन ाद का स्लरून स्नष्ट् कयते शु ए उवभे आनेलारी वभस्प्माओं ऩय प्काळ डाशरए

CO4: अत्माधु नक इरेक्रोननक भाध्मभों ऩय प्काळ डाशरए

CO5: जनवोचाय भाध्मभों केवलवलध रूऩों का ऩरयचम दीत्जए

ऐच्छक प्रश्नऩत्र (Optional Paper)

प्रश्नऩत्र क्र. – VII **आधु नक हशन्दी कवलता**

CO1: 'बाळा की यात' कवलता का वाय शरणखए

CO2: आधु नक हशन्दी वाहशत्म के प्रभ कवलमों का ऩरयचम दीत्जए

CO3: 'फैयागी आमा शैं गॉल' भेंं चचत्रात ग्राभीण जीलन ऩय प्काळ डाशरए

CO4: खडकाव्म के स्लरूऩ को स्नष्ट् कीत्जए

CO5: 'बशू भजा' (खडकाव्म) का कथावाय शरणखए

प्रश्नऩत्र क्र. – VIII **प्रमोजनभ क हशन्दी**

CO1: याजबाळा औय याष्टरबाळा के फीच के अतय को स्प्ऩष्ट् कीत्जए

CO2: याजबाळा हशन्दी के वोलैधाननक प्रालधान को स्प्ऩष्ट् कीत्जए

CO3: प्रमोजनभ क हशन्दी के रखने ऩष ऩय प्काळ डाशरए

CO4: कामाारमीन हशन्दी (याजबाळा) के प्रभ प्रकामों की जानकायी दीत्जए

CO5: अन ाद का स्लरूऩ एलो प्रक्रमा ऩय ववलस्प्ताय चचा कीत्जए

T.Y. B.A.
Semester V

ऐच्छक प्रश्नऩत्र (Optional Paper)

प्रश्नऩत्र क्र.- IX **प्रादेशळक बाळा वाहशत्म**

CO1: प्रादेशळक बाऴा वाहशत्म वे क्मा तात्ऩमा शै,

वभझाइए CO2: भयाठी कशानी वाहशत्म का वाभान्म

ऩरयचम दीत्जए CO3: 'भयाठी दशरत आत्भकथा

वाहशत्म' ऩय चचा कीत्जए

CO4: 'ऩयामा' भेंं चचत्रात कै काइड जानत के जीलन की ास्प्तवलकता ऩय प्रकाळ डाशरए

CO5: 'ऑ गे की पशरमा' कशानी का वाय शरणखए

प्रश्ननत्र क्र॰ - X आहद तथा भध्मकारीन हशन्दी वाहशत्म का इनतशाव

CO1: हशन्दी वाहशत्मेनतशाव रेखन के वलशबन्न स्त्रोतों

ऩय प्रकाळ डाशरए CO2: हशन्दी वाहशत्म के इनतशाव एलो वलकाव

की ऩयोंऩया ऩय चचाा कीत्जए

CO3: आहदकारीन वाभात्जक ऩा ्बू भ ऩय प्रकाळ डाशरए

CO4: बत्क्तकारीन काव्मधायाओं का ऩरयचम दीत्जए

CO5: कवललय ण की कवलताओं भें अशबव्मक्त ना ऩय प्रकाळ डाशरए
ब यात्ष्टरम चत

प्रश्ननत्र क्र॰ XI – वाहशत्मळास्त्र

CO1: वाहशत्म के स्लरूऩ एलो तत्लों ऩय प्रकाळ डाशरए

CO2: वाहशत्म के प्रमोजन ऩय चचाा कीत्जए

CO3: बायतीम काव्मळास्त्र भें प्रनतऩाहदत यव शवद्धोत के भशत्ल को वभझाइए

CO4: बायतीम काव्मळास्त्र की वाहशत्म भें उऩादेमता को स्त्ऩष्ट् कीत्जए

CO5: वाहशत्म के शेत ों ऩय प्रकाळ डाशरए

Semester VI

ऐत्च्छक प्रश्ननत्र (Optional Paper)

प्रश्ननत्र क्र॰ - XII भध्मकारीन काव्म

CO1: बायतीम बत्क्त आंदोरन की ऩा ठबू भ

को वभझाइए CO2: बत्क्तकारीन काव्म का वाभान्म

ऩरयचम दीत्जए CO3: यीनतकारीन वाभात्जक ऩा

्बू भ ऩय प्रकाळ डाशरए

CO4: कवलताओं के भाध्मभ वे भध्मकारीन वाभात्जक,वाोस्क

नतक,याजनीनतक एलॊ वाहशत्मक नाृ ठबशू भ नय चचा कीत्जए

CO5: भध्मकारीन कवलमों की भशत्ता को स्प्नष्ट् कीत्जए

प्रश्ननत्र क्र. - XIII **आधबु नक हशन्दी वाहशत्म का इनतशाव**

CO1: हशदी की आधबु नक काय की वलशबन्न काव्मधायाओॊ का नयचम दीत्जए

CO2: हशदी वाहशत्म के आधबु नक कवलमों नय प्रकाळ डाशरए

CO3: हशदी गद्म की नलीनतभ वलधाओं ऩय चचा कीत्जए

CO4: प्रगनतलादी काव्मधाया ऩय प्रकाळा डाशरए

CO5: छामालादी कवलता की प्रलबृ तमो कं को स्पष्ट् कीत्जए

प्रश्ननत्र क्र. - XIV **वाहशत्मळस्त्र**

CO1: बायतीम काव्मळास्प्त्र के वलकावक्रभ का ऩरयचम दीत्जए

CO2: 'अरोकाय' शवद्धातोत को स्लरूऩ को स्पष्ट् कीत्जए

CO3: „छोद' शवद्धातोत को स्लरूऩ एलो उवकी वैद्धातनतक अलधायणा ऩय प्रकाळा डाशरए

CO4: आरोचना के प्रभ बेदों का ऩरयचम दीत्जए

CO5: हशदी वाहशत्म की प्रभ वलधाओं ऩय चचा कीत्जए

F.Y. B.Sc.

Semester I

प्रश्ननत्र क्र. - I **द्वलतीम बाळा** (SL) **हशन्दी**

CO1: कशानी की ऩरयबाळा देते शुए हशन्दी कशानी के वलकावक्रभ ऩय प्रकाळ डाशरए

CO2: कशानी को तत्लों ऩय ववलस्प्ताय चचा कीत्जए

CO3: „शाय की जीत' कशानी का वाय शरणखए

CO4: हशन्दी बाळा के उद्बल एलो वलकाव को स्प्ऩष्ट् कीत्जए

CO5: देलनागयी शरवऩ की लैसाननकता ऩय प्रकाळ डाशरए

Semester II

प्रश्ननत्र क्र. - II **द्वलतीम बाळा** (SL) **हशन्दी**

CO1: दज का ्ीका कशानी का वाय शरणखए

CO2: कशानी वाहशत्म भे चचात्रत ग्राभीण जीलन को वलळद कीत्जए

CO3: हशन्दी को प्रमोजनभ क बाळा रूऩ को स्पष्ट् कीत्जए

CO4: हशन्दी को व्मालशारयक रेखन ऩष (वोषेऩण तथा ऩल्रलन) ऩय चचा कीत्जए

CO5: कम्प्म य भें हशन्दी के फढ़ते प्रमोग औय उवके भशत्ल को वभझाइए

Semester III

S.Y. B.Sc.

प्रश्नऩत्रक्र॰ -III **द्वलतीम बाऴा** (SL) **हशदी**

CO1: हशन्दी वाहशत्म की वलशबन्न गद्म वलधाओॊ ऩरयचम दीत्जए

CO2: वॊस्प्भयण वे तात्ऩमा स्प्ऩष्ट् कीत्जए

CO3: प्रमोजनभ क हशन्दी के सलरूऩ को सनुष्ट् कयते शुए वलळळताओॊ नय प्रकाळ डाशरए

CO4: बाऴा शळषण की प्रक्रमा नय चचाा कीत्जए

CO5: व्मालवानमक दृत्ष्ट् वे हशदी के भशत्ल नय प्रकाळ डाशरए

Semester IV

प्रश्नऩत्र क्र॰ -IV **द्वलतीम बाऴा** (SL) **हशदी**

CO1: „सत्री घय' इव यचना भें अशबव्मक्त नायी जीलन की लास्प्तवलकता नय चचाा कीत्जए

CO2: „कय कभर शो गए' इव यचना का वाय शरणखए

CO3: फोरें को ग अन ाद का सलरूऩ सनुष्ट् कयते शुए उवभे आनेलारी वभस्प्माओॊ नय प्रकाळ डाशरए

CO4: अत्माधनु नक इरेक्रोननक भाध्मभों नय प्रकाळ डाशरए

CO5: जनवॊचाय भाध्मभों के वलवलध रूऩों का ऩरयचम दीत्जए

F.Y.B. COM.

Semester I

प्रश्नऩत्र क्र॰ - I **द्वलतीम बाऴा** (SL) **हशन्दी**

CO1: कशानी की ऩरयबाऴा देते शुए हशन्दी कशानी के वलकावक्रभ नय प्रकाळ डाशरए

CO2: कशानी के तत्लों नय वलस्प्ताय चचाा कीत्जए

CO3: „शाय की जीत' कशानी का वाय शरणखए

CO4: हशन्दी बाऴा के उद्बल एलॊ वलकाव को स्प्ऩष्ट् कीत्जए

CO5: देलनागयी शरवऩ की लैसाननकता नय प्रकाळ डाशरए

Semester II

प्रश्ननत्र क्र. - II **द्वलतीम बाळा** (SL) **हशन्दी**

CO1: दज का ्ीका कशानी का वाय शरणखए

CO2: कशान ी वाहशत्म भ े चचात्त ग्राभीण जीलन क ो वलळद कीत्जए

CO3: हशन्द ी क े प्रम ोजनभ क बाळ ा रून्न क ो स्पनष्ट् कीत्जए

CO4: हशन्द ी क े व्मालशारयक र ेखन ऩष (वॊषेऩण तथ ा ऩल ्रलन) ऩय चच ा कीत्जए

CO5: कम्प्म य भें हशन्दी के फढ़ते प्रमोग औय उवके भशत्ल को वभझाइए

S.Y. B. COM.

Semester III

द्वलतीम बाऴा (SL)

हशन्दी प्रश्नऩत्र क्र. - III **क व्मालशारयक हशदी**

व ॊप्र ेऴनभ

CO1: क बाऴा क ा स्लरून्न स्पनष्ट् कयत े श ु ए वलळऴत ाओॊ ऩय प्रक ाळ डाशरए
प्रम ोजनभ

CO2: लैश्लीकयण केऩरयप्रेक्ष्म भें हशन्दी बाऴा केभशत्ल को वभझाइए

CO3: लाणणज्म व्माऩाय भ ें ं हशन्द ी क े बावऴक प्रक ाम ा ऩय चच ा कीत्जए

CO4: लाणणज्म एलॊ व्माऩाय के षेत्र भें हशन्दी के भशत्ल को स्प्ऩष्ट् कीत्जए

CO5: ननफॊध (व्मालवानमक औय) रेखन का ऩरयचम दीत्जए
आचथक

Semester IV

द्वलतीम बाऴा (SL) **हशन्दी**

प्रश्नऩत्र क्र. - IV **व ॊप्र ेऴनभ क व्मालशारयक हशद ी**

CO1: लाणणज्म व्माऩाय रेखन ऩष ऩय प्रकाळ डाशरए

CO2: फ ै ं क ॊ ग षेत्र भ ें ं हशन्द ी क े प्रमोग ऩय चच ा कीत्जए

CO3: लाणणज्म व्माऩाय क े षेत्र भ ें ं भीडडम ा क ी ब ू भक ा ऩय प्रक ाळ डाशरए

CO4: जनवॊच ाय भाध्मभ ो ं क े वलवलध रून्न ो ं ऩय चच ा कीत्जए

CO5: व्मालवानमक (फ ै ं क ॊ ग औय भीडडम ा) अन ाद क े स्लरून्न,प्रक्रम ा औय भशत ्ल ऩय प्रक ाळ डाशरए

B.A. English

Program Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Have a good understanding of Basic English Grammar

PSO2: Use Received Pronunciation to make their English more intelligible

PSO3: Understand the structure of drama and novel

PSO4: Get acquainted with the history of English literature passing through different ages

PSO5: Understand various poetic types such as sonnet, ode, elegy, lyric and so on

PSO6: Achieve the skill of reading a literary text critically

PSO7: Gain knowledge of applying theories of literary criticism for the sound understanding of a literary artefact

PSO8: Know how literature is the product of the time in which it is penned

PSO9: Incorporate values in their own life which are reflected in literary texts

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Course Outcomes

F.Y. B. A.

Semester I & II

Paper I & II–English Compulsory

Upon completion of the course, the students will be able to-

CO1: Differentiate various types of genres

CO2: Explain nature and structure of sonnet

CO3: Identify parts of speech appearing in sentences

CO4: Distinguish between open and close class items is clear to students

CO5: Have a good knowledge of tenses

Paper I & III– Optional English: The Structure of English

Upon completion of the course, the students will be able to-

CO1: Have thoroughly understood the Received Pronunciation

CO2: Reproduce all forty-four speech sounds

CO3: A sound knowledge of syllable, phone, intonation, tone group, etc

CO4: Be well versed in sentence types, elements of clause structure, various phrases, etc

CO5: Comprehend the process of word formation

Paper II & IV– Optional English: Reading Literature

Upon completion of the course, the students will be able to-

CO1: Know poetical types especially lyric, sonnet and ode

CO2: Read and interpret novel

CO3: Have knowledge of drama, especially of tragedy and comedy

CO4: Read and interpret Shakespearean sonnets

CO5: Read and interpret Keats‟ odes

Paper I & II– Additional English

Upon completion of the course, the students will be able to-

CO1: Distinguish between various genres of English Literature

CO2: Understand author‟s purpose and tone

CO3: Distinguish between main ideas from specific details depicted in literary pieces

CO4: Expand and comprehend the text

CO5: Improved their language skills

S.Y. B. A.

Semester III & IV

Paper III & IV–English Compulsory

Upon completion of the course, the students will be able to-

CO 1: Distinguish between spoken language and the written

CO 2: Understand and acquire English language skills through creative writing

CO 3: Use English language appropriately, creatively and imaginatively

CO 4: Identify the main ideas and themes depicted in a text

CO5: Have competence in various concepts in grammar and writing skills

Paper V & VII– Optional English: Literature in English 1550 - 1750

Upon completion of the course, the students will be able to-

CO1: Have developed and applied the literary knowledge

CO2: Know the nature and structure of epic and mock epic

CO3: Differentiate between various types of literary genres

CO4: Distinguish between good and evil, moral & immoral depicted in literature

CO5: Study literature critically

Paper VI & VIII– Optional English: Literature in English 1750 - 1900

Upon completion of the course, the students will be able to-

CO1: Have obtained sufficient knowledge of poetical types like ballad and dramatic monologue

CO2: Understand the socio-economical and cultural situation of English society in the 19^{th}century by reading the novel of Thomas Hardy

CO3: Be acquainted with the dramatic techniques of Oscar Wilde by studying his play The Importance of Being Earnest

CO4: Understand Coleridge‟s ballad The Rime of the Ancient Mariner

CO5: Have the ability of reading and interpreting Robert Browning‟s dramatic monologue The Last Ride Together

Paper III & IV–Additional English

Upon completion of the course, the students will be able to-

CO1: Distinguish the difference between speech and writing

CO2: Understand and acquire English language skills through creative writing

CO3: Use English language appropriately, creatively and imaginatively

CO4: Identify the main ideas and themes portrayed in a text

CO5: Be proficient in various concepts in grammar and writing skills

T.Y. B. A.

Semester V & VI

Paper IX & XIII– Optional English: Twentieth Century Literature in English

Upon completion of the course, the students will be able to-

CO1: Acquaint themselves with twentieth century literary and social background

CO2: Understand all the strands of the play Pygmalion

CO3: Know the features of prescribed poems by Eliot and Yeats

CO4: Comprehend all the features of the novels Sons and Lovers and Lucky Jim

CO5: Have a sound knowledge of the contemporary world as depicted in the play Look Back in Anger

Paper X & XIV– Optional English: An Introduction to Literary Criticism & Terms

Upon completion of the course, the students will be able to-

CO1: Understand various forms of literature and the literary terms

CO2: Know importance of literary criticism to understand literature

CO3: Understand classicism in literature

CO4: Come across perspectives of a critic while analysing and interpreting a text

CO5: Apply criticism while understanding a text

Paper XI & XV– Optional English: Indian Writing in English

Upon completion of the course, the students will be able to-

CO1: Acquainted them with the history of Indian English literature.

CO2: Distinguish between various genres of English literature.

CO3: Have a good knowledge of major authors and their literary contribution in Indian English Literature.

CO4: Understand characterization in literary pieces.

F.Y. B. Sc.

Semester I & II

Paper I &II– English Compulsory

Upon completion of the course, the students will be able to-

CO 1: Recognize all characters from the prose

CO 2: Understand and classify various themes of poetry

CO 3: Understand figures of speech deployed in a literary piece

CO 4: Use various tenses in speech and writing

CO 5: Write précis.

Paper I &II–Additional English

Upon completion of the course, the students will be able to-

CO1: Distinguish between various genres of English literature

CO2: Understand author‟s purpose and tone

CO3: Come across main ideas reflected in a literary piece

CO4: Expand and comprehend the text

CO5: Improve their language skills.

CO6: They have improved their language skills

S.Y. B. Sc.

Semester III & IV

Paper III &IV– English Compulsory

Upon completion of the course, the students will be able to-

CO1: Distinguish the difference between speech and writing

CO2: Understand language skills through creative writing

CO3: Use English language appropriately, creatively and imaginatively

CO4: Identify the main ideas and themes reflected in a text

CO5: Understand various concepts in grammar

Paper III &IV– Additional English

Upon completion of the course, the students will be able to-

CO1: Understand themes of the prescribed short stories

CO2: Write job application letter

CO3: Come across the structure of short story

CO4: Be familiar with the nature and structure of drama

CO5: Write situational conversation

F.Y. B. Com.

Semester I & II

Paper I &II–Compulsory English

Upon completion of the course, the students will be able to-

CO1: Understand the importance of English Grammar and its use

CO2: Use different kinds of sentences

CO3: Use speech sounds in speech and writing

CO4: Frame sentences in different tenses

CO5: Differentiate between varied parts of speech

Paper I &II–Additional English

Upon completion of the course, the students will be able to-

CO1: Distinguish between various genres of English literature

CO2: Understand author‟s purpose and tone

CO3: Read and understand a text critically

CO4: Improve their linguistic skills by studying literature

CO5: Know how figures of speech enhance the impact of literature

S.Y. B. Com.

Semester III & IV

Paper III & IV–Compulsory English

Upon completion of the course, the students will be able to-

CO1: Draft official letter

CO2: Prepare agenda and minutes of a meeting

CO3: Face interviews

CO4: Write a resume

CO5: Be proficient in report writing

B.A. Economics

Program specific outcomes

At the time of graduation, the students will be to -

PSO1: know broad characteristics of Indian Economy and World Economy

PSO2: Analyze nature and behaviour of market, demand and supply in market

PSO3: Acquaint with Government policy and Industrial policy

PSO4: Know about new Economic reforms like globalization

PSO5: Acquire knowledge of various aspects of Economics, like human development, human welfare

PSO6: Familiar with aspects of Economic planning, strategy of planning and achievements of planning

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Course Outcomes

F.Y. B.A.

Semester – I

Micro Economics

Upon completion of the course, the students will be able to-

CO1: Discuss basic concepts of Economics

CO2: Discuss basic aspects of Demand and Supply Theories

CO3: Analyze consumer‟s behaviour

CO4: Discuss basic aspects of consumer‟s equilibrium

CO5: Analyze and explain market equilibrium

Indian Economy

Upon completion of the course, the students will be able to-

CO1: Discuss broad features of the Indian Economy

CO2: Indentify major issues related to population and population policy

CO3: Define natural resources in India

CO4: Describe nature and types of unemployment and concept of poverty

CO5: Explain new economic reforms and concept of globalization

Semester - II

Price Theory

Upon completion of the course, the students will be able to-

CO1: Discuss concept of Production function

CO2: Analyze cost and Revenue

CO3: Classify market in various types

CO4: Evaluate theories of distribution

CO5: Understand meaning and related concepts of factor pricing

Money, Banking and Finance

Upon completion of the course, the students will be able to-

CO1: Explain basic aspect about money

CO2: Evaluate principle of Commercial Banks and Banking Structure in India

CO3: Discuss New Concepts in banking sector

CO4: Discuss functions of Reserve Bank of India

CO5: Define the term money market and capital market

S.Y. B.A.

Semester - III

Macro Economic

Upon completion of the course, the students will be able to-

CO1: Discuss basic aspects of macro Economics

CO2: Describe concept of National Income

CO3: Explain theory of money and identify the index number

CO4: Explain theories of employment

CO5: Explain Keynesian theory of employment and Nature of trade cycle

Economics of Development

Upon completion of the course, the students will be able to-

CO1: Discuss concept of economic development and growth

CO2: Analyze theories of Adam Smith and Malthus

CO3: Give factors in development process

CO4: Get aware about Models of Economic Growth

CO5: Explain role of sector approach in Economical Development

Semester - IV

Public Finance

Upon completion of the course, the students will be able to-

CO1: Discuss nature, scope and importance of public finance

CO2: Explain Public Revenue

CO3: Comprehend public expenditure

CO4: Describe concept, source, causes and effects and importance of public debt

CO5: Explain meaning, objective and components of Union Budget

Statistical Methods

Upon completion of the course, the students will be able to-

CO1: Analyze collection of data – Primary and Secondary data

CO2: Describe types of series – simple, Discrete and continuous series

CO3: Discuss Arithmetic mean – its merits and demerits, mode and median

CO4: Evaluate Range, mean deviation and standard deviation

CO5: Explain variance and Co-efficient of variation

T.Y. B.A.

Semester - V

International Economics

Upon completion of the course, the students will be able to-

CO1: Explain basic concept of international economics

CO2: Describe Gains from trade

CO3: Discuss types of tariffs and quotas

CO4: Evaluate concept and components of balance of payment

CO5: Discuss Demerits and limitations of devaluation

Agriculture Economics

Upon completion of the course, the students will be able to-

CO1: Discuss the role and importance of Agriculture

CO2: Describe various technologies used in Agriculture

CO3: Explain Government Agriculture Policies

CO4: Acquire knowledge of Indian agricultural development from last 50 years

History of Economic Thought

Upon completion of the course, the students will be able to-

CO1: Explain concept of Mercantilism

CO2: Sketch out Adam Smith division of labour and theory of value

CO3: Comprehend Tomas R. Malthus – theory of population

CO4: Describe Karl Marks theory of dynamics of social change, theory of surplus value

CO5: Explain concept of aggregate economy and the role of fiscal policy

Semester – VI

Research Methodology

Upon completion of the course, the students will be able to-

CO1: Discuss meaning, nature, scope and objectives of social science research

CO2: Describe Facts – features Primary data collection

CO3: Discuss motivating factors of social research

CO4: Comprehend meaning and need of research design

Industrial Economics

Upon completion of the course, the students will be able to-

CO1: Discuss importance and role of Industries in Economic and social development

CO2: Know industrial organization, ownership structure

CO3: Analyze location and dispersion of industries

CO4: Explain composition of industrial sector

B.A. History

Programme specific outcomes

At the time of graduation, the students will be to -

PSO1: Understand the background of ancient, medieval, and modern Indian history as well as world history

PSO2: Understand past and present existing social, political, religious and economic background of people

PSO3: Develop practical skills helpful in the study and understanding of historical events, like- drawing of historical maps, charts, diagrams; preparation of historical models tools

PSO4: Develop interests in the study of history and activities relating to history, like- reading of historical documents maps, charts

PSO5: Write articles on historical topics

Course Outcomes

F.Y. B.A.

Semester I

Shivaji and His Times (1630 to 1707 A.D.)

Upon completion of the course, the students will be able to-

CO1: Explain formation of welfare state during the Maratha rule

CO2: Discuss industrial agricultural aspects of Chhatrapati Shivaji „regime

CO3: Explain administrative aspects of the Swarajya

CO4: Elaborate inspiration behind the establishment of Swarajya

CO5: Explain reasons behind Chhatrapati Shivaji"s early conflicts with the regional lords and the outsiders

CO6: Discuss Maratha war of independence.(1689 to 1707A.D.)

History of Modern Maharashtra (1818 to 1905 A.D.)

Upon completion of the course, the students will be able to-

CO1: Discuss history of modern Maharashtra

CO2: Evaluate renaissance and social reform movement in Maharashtra

CO3: Explain early political awakening of freedom struggle in Maharashtra

CO4: Discuss British administration in Bombay presidency

CO5: Identify social institutions of 19th Century

Semester – II

History of Marathas (1707 TO 1818 A.D.)

Upon completion of the course, the students will be able to-

CO1: Discuss importance of the Maratha history in 18th century

CO2: Asses circumstances under which rise of the Peshwa took place

CO3: Explain political scenario of the Maratha power in the 18th century

CO4: Evaluate policies adopted by early Peshwas

CO5: Explain circumstances of the Maratha power at battle of Panipat

CO6: Explain reasons of political disintegration of the Maratha

CO7: Discuss nature of Anglo-Maratha relations

CO8: Discuss central and provincial administration of Marathas under the Peshwas

20th Century Maharashtra (1905 – 1960 A.D.)

Upon completion of the course, the students will be able to-

CO1: Explain salient features of 20 the century Maharashtra

CO2: Evaluate consolidation of British power in Maharashtra

CO3: Analyse social religious, consciousness in Maharashtra

CO4: Discuss freedom struggle in Hyderabad state specially in Marathwada region

CO6: Differentiate the Dalit movement and non Brahmin movement

S.Y. B.A.

Semester III

History of early India (UPTO 300 B.C.)

Upon completion of the course, the students will be able to-

CO1: Describe Prehistory and Proto-history

CO2: Classify urbanization in the Gangetic Basin

CO3: Classification of Buddhism and Jainism

CO4: Acquire knowledge about Sanskrit, Pali literature

CO5: Identify Early Indian Maps

CO6: Acquire knowledge of Vedic, Jain, Buddhist culture and their literature

CO7: Discuss ancient Republic and Mahajanpadas

British Rule in India (1757 to 1857 A.D.)

Upon completion of the course, the students will be able to-

CO1: Explain modern Indian history

CO2: Identify expansion of British Rule in India

CO3: Distinguish detail account of British Raj as well as its overall impacts on The Indian Society

CO4: Evaluate renaissance and social reform movement in India

CO5: Explain early resistance to British rule

CO6: Discuss reasons behind the revolt 1857

Semester IV

B.A. T.Y.

Historiography

Upon completion of the course, the students will be able to-

CO1: Write articles on historical topics, Writings History and Techniques of historical Writing

CO2: Developed their ability to access critically historical analysis and argument past and present

CO3: Gained an understanding of the development of the academic study of history Throughout the world since the later eighteenth century

CO4: Explain recent and contemporary debates in the theory and practices of historical writings

CO5: Gained insight into current methodologies,t heories, and concepts, currently in use within the historical discipline

CO6: Discuss Historiographical traditions outside the west

CO7: Identify history as scientific discipline

History of National Movement (A.D. 1885-1947)

Upon completion of the course, the students will be able to-

CO1: Explain early political awakening in Indian freedom struggle

CO2: Discuss origin and development of Indian national congress

CO3: Explain various phases of the national movement

CO4: Identify difference between moderates, extremists and revolutionaries

CO5: Comprehend socio-religious scenario and the social reformation

CO6: Discuss freedom movement under the Mahatma Gandhi‟s leadership

CO7: Explain Revolutionary movement in India

CO8: Discuss evolutionary process of constitutional developments

Women Struggle in Modern India

Upon completion of the course, the students will be able to-

CO1: Discuss women contribution in Indian freedom struggle

CO2: Explain actual condition of women in Colonial period

CO3: Discuss past and present existing social, political, religious and economic condition of women in modern India

CO4: Explain various superstitions, wrong traditions related to women in modern Indian history

Semester VI

Fields of History

Upon completion of the course, the students will be able to-

CO1: Explain advance and assist Archaeological research

CO2: Discuss participation in archaeology throughout society, identifying and addressing barriers to inclusivity

CO3: Explain various career opportunities in the field of Museology, and tourism

CO4: Identify various types of career opportunities in the field of Tourism, Archaeology Museology etc

Landmarks in the History of Modern World

Upon completion of the course, the students will be able to-

CO1: Discuss rise of Modern World

CO2: Classify growth of capitalism

CO3: Identify world maps –Oceanic Explorations, Europe in 1815, important stages of World War, and important centres of International trade

CO4: Explain rise and development of Democracy in modern world

CO5: Discuss freedom struggle in America, French, Russia, China, India and other part of the world

CO6: Explain new ethics of politics, philosophy, political, economical, and military trends in modern world

Glimpses of the history of Marathwada

Upon completion of the course, the students will be able to-

CO1: Discuss salient features of history of Marathwada

CO2: Analyse contribution of Marathwada in Hyderabad Freedom Struggle

CO3: Discuss Marathwada freedom struggle with Indian freedom Struggle

CO4: Explain women contribution of Marathwada in freedom struggle

CO5: Identify socio- religious movements in Marathwada

CO6: Explain work of Swami Ramanand Teerth, and Police Action by Indian Government

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B.A. Political Science

Programme Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand basic concepts of Political Science

PSO2: Describe origin and politics of Maharashtra state

PSO3: Explain Indian Government and Politics

PSO4: Identifyideology of political parties

PSO5: Discuss concept and approaches of international relations

PSO6: Understand western political thoughts

PSO7: Explain major political ideologies

PSO8: Understand Indian political thoughts

Course Outcomes

F.Y. B.A.

Semester – I

Basic Concepts of Political Science

Upon completion of the course, the students will be able to-

CO1: Describe Fundamental concepts of Political science

CO2: Explain origin of state

CO3: Write meaning and theory of Sovereignty.

CO4: Explain concept of Citizenship

Government and Politics of Maharashtra

Upon completion of the course, the students will be able to-

CO1: Describe origin of Maharashtra state

CO2: Classify organs of the state government

CO3: Explain cooperative movement and movements of Peasants

CO4: Explain Dalit and Feminist movements in Maharashtra

Semester – II

Basic Concepts of Political Science

Upon completion of the course, the students will be able to-

CO1: Explain concept of Rights

CO2: Identify importance of liberty, equality and justice

CO3: Write down meaning, types and merits-demerits of Democracy

CO4: Write meaning and functions of Welfare state

Government and Politics of Maharashtra

Upon completion of the course, the students will be able to-

CO1: Write down structure and functions of Panchayati Raj in Maharashtra

CO2: Write down importance of Panchayati Raj in Maharashtra

CO3: Explain ideology and programmes of main National political parties in Maharashtra

CO4: Explain ideology and programmes of main domestic political parties in Maharashtra

S.Y. B.A.

Semester – III

Indian Government and Politics

Upon completion of the course, the students will be able to-

CO1: Write down sources and features of Indian Constitution

CO2: Explain fundamental rights and directive principles of state policy given in Indian Constitution

CO3: Classify structure of the Union government of India

CO4: Write down budgetary process and functions of important parliamentary committees

CO5: Explain structure and functions of Attorney General and CAG of India

International Relations

Upon completion of the course, the students will be able to-

CO1: Discuss meaning, nature, scope and significance of International relations

CO2: Explain main approaches to the study of International relations

CO3: Describe India‟s foreign policy in regards of its principles and objectives

CO4: Explain concepts of National Interest, National Power and Deterrence

CO5: Describe Balance of Power and NAM

Semester – IV

Indian Government and Politics

Upon completion of the course, the students will be able to-

CO1: Write down structure and functions of Supreme court of India and recognise its importance

CO2: Discuss about relations between Centre and States. Explain the division of powers between them

CO3: Describe composition, power and function of Election commission of India and explain the electoral reforms in India

CO4: Identify challenges before Indian democracy

International Relations

Upon completion of the course, the students will be able to-

CO1: Identify relevance of Collective security and UNO in international environment

CO2: Identify major issues like terrorism and environmentalism in internationalism

CO3: Outline structure and functions of international organisations such as IMF, WB, WTO

CO4: Explain organisation of SAARC and ASEAN.

T.Y. B.A.

Semester – V

Indian Political Thinkers

Upon completion of the course, the students will be able to-

CO1: Write down views of Raja Ram Mohan Roy on Religion and Social and Political system of India.

CO2: Describe religious, political and social thoughts of Dayanand Saraswati

CO3: Explain liberal and political thoughts of Gopal Krishna Gokhale

CO4: Recall views of Lokmanya Tilak on Nationalism and Social reform

CO5: Write Mahatma Gandhi‟s views on religion and explain his concept of "Ram Rajya"

Western Political Thinkers

Upon completion of the course, the students will be able to-

CO1: Recall Aristotle‟s views on state, citizenship and revolution

CO2: Describe Machiavelli‟s advice to Prince, views on religion, morality and human nature

CO3: Classify theory of Social Contract of Hobbes, Locke

CO4: Explain concept of Utilitarianism of J. S. Mill and write down his views on liberty and representative government

Political Ideologies

Upon completion of the course, the students will be able to-

CO1: Classify major political ideologies

CO2: Describe Nationalism

CO3: Describe Feminism

CO4: Discuss on Liberal ideology

Semester – VI

Indian Political Thinkers

Upon completion of the course, the students will be able to-

CO1: Write views of Maulana Azad on religion and politics and Hindu-Muslim Unity. Explain his ideas of nationalism and synthesis nationalism

CO2: Explain Views of J. Nehru on democracy and socialism, nationalism and internationalism

CO3: Recall critique of Marxism by M. N. Roy and explain his radical thoughts

CO4: Recall relevance of thoughts of Dr. Ambedkar and his views on religion, society, democracy and economy

CO5: Explain idea of total revolution by Jaya Prakash Narayan

Western Political Thinkers

Upon completion of the course, the students will be able to-

CO1: Classify theory of Social Contract of Rousseau

CO2: Describe views of Jeremy Bentham on State, Government and Rights and Utilitarianism

CO3: Explain Marxism and its importance

CO4: Write down Laski‟s views on Liberty

Political Ideologies

Upon completion of the course, the students will be able to-

CO1: Describe socialism and communism

CO2: Understand Anarchism

CO3: Indicate the need of Environmentalism in politic

CO4: Criticize ideology of fascism

B.A. Public Administration

Programme specific outcomes

At the time of graduation, the students will be to -

PSO1: Demonstrate broad understanding of public affairs, policy development, policy analysis, economic analysis, management skills, and organization theory and their applications to public service

PSO2: Understand the form and substance of Local Self Governments in Indian scenario

PSO3: Understand and analyze social policies, their structures in India like health, education

PSO4: Gain knowledge about contribution of major thinkers in the areas of management, motivation, leadership, development

PSO5: To develop to communicate effectively, both in writing and oral, using the important terminology, facts, concepts, and theories used in the subject Public Administration

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Course Outcomes

F.Y. B.A.

Semester I

Principles and Concepts of Public Administration

Upon completion of the course, the students will be able to-

CO1: Explain meaning, nature and scope of Public Administration

CO2: Differentiate between Public and Private Administration

CO3: Explain meaning and forms of Organisation

CO4: Describe different Principles of Organisation

CO5: Identify concepts of Public Administration

Public Administration in India

Upon completion of the course, the students will be able to-

CO1: Explain historical evolution and current global scenario of Indian Administration

CO2: Describe the constitutional framework in which an individual and the state works

CO3: Discern and analyse the connects / disconnects between structure, procedure and functions of government institutions

CO4: Explain form and substance of Indian Administration

CO5: Acquaint with the changing as well transformative role of Indian Administration

Semester II

Maharashtra Administration

Upon completion of the course, the students will be able to-

CO1: Discuss formation of Maharashtra State and its administrative features

CO2: Describe structure and functions of the state Executive

CO3: Discuss structure and functions of the state legislature

CO4: Analyze structure and functions of the state judiciary

CO5: Identify relevance of Constitutional and Statutory bodies at the state level such as MPSC, MEC, MFC etc

District Administration

Upon completion of the course, the students will be able to-

CO1: Explain evolution and importance of District Administration

CO2: Discuss changing role of district collector

CO3: Identify various aspects of the concept Law and Order

CO4: Comprehend functioning of revenue administration

CO5: Comprehend functioning and issues of police administration

S.Y. B.A.

Semester III

Personnel Administration

Upon completion of the course, the students will be able to-

CO1: Explain personnel administration i.e. public service in India

CO2: Identify the role of personnel training institutions such as YASHDA, MPA and LBSNAA

CO3: Discuss personnel grievance redressal mechanism in India

CO4: Comprehend with the problems of personnel administration in India

CO5: Explain relevance of administrative tribunal mechanism in India

Panchayati Raj and Rural Development

Upon completion of the course, the students will be able to-

CO1: Discuss basic concept of Local Self Government in India

CO2: Discuss Panchayat Raj system in Maharashtra

CO3: Explain composition and function of state Rural Development Ministry

CO4: Acquaint concept and Programme of Rural Development

CO5: Describe Problems of Rural area

Semester IV

Financial Administration

Upon completion of the course, the students will be able to-

CO1: Explain basics of financial administration as well as importance of the finance ministry

CO2: Comprehend process and importance of budget

CO3: Describe major accounts and audit mechanism in India

CO4: Explain methods and importance of parliamentary control over financial administration in a democratic country

CO5: Discuss concept of Liberalization, Privatization and Globalization

Urban Local Self Government and Urban Development

Upon completion of the course, the students will be able to-

CO1: Discuss basic concept of urban local self Government in India

CO2: Explain urban local self Government system in Maharashtra

CO3: Acquaint Urban Development Agencies in Maharashtra

CO4: Describe the problems of urban area

CO5: Identify major Urban Development Programmes

T.Y. B.A.

Semester V

Human Resource Development

Upon completion of the course, the students will be able to-

CO1: Explain nature, scope, structure and processes of human resource development

CO2: Discuss changing paradigms of human Resources development

CO3: Explain varying methods of performance assessment of public institutions

CO4: Explain changing paradigms of human resource development

CO5: Identify systems and processes of financial and material resource development

Educational Administration in India

Upon completion of the course, the students will be able to-

CO1: Discuss objectives and importance of Education

CO2: Describe historical background of Education in the light of various Committee‟s recommendations and government policies

CO3: Identify role of Quality Control Institutions, such as NAAC and AICTE, in Higher Education

CO4: Describe structure, relevance and the present Scenario of Higher Education in India

CO5: Analyse impact of Globalization on Higher Education in India

Administrative Thinkers

Upon completion of the course, the students will be able to-

CO1: Discuss concept of Scientific Management by F. W. Taylor

CO2: Describe Max Weber‟s Ideal Model of Bureaucracy

CO3: Explain elements and Principles of Management

CO4: Explain Mary Follet‟s ideas of Authority, Conflict and Integration

CO5: Describe Elton Mayo‟s Hawthorn Experiment

CO6: Examine behavioural approach and Decision-Making approach by H. Simon

CO7: Explain Ecological approach and concept of Prismatic Society by F. W. Riggs

Semester VI

Public Policy and Development

Upon completion of the course, the students will be able to-

CO1: Explain concept of Public Policy

CO2: Discuss role of internal determinants in the formulation of Public Policy

CO3: Discuss role of Executive and Bureaucracy in the implementation of Public Policy

CO4: Explain concept of Development

CO5: Describe challenges before Development

Health Administration in India

Upon completion of the course, the students will be able to-

CO1: Explain organizational elements, structure, performance, and terminology and delivery modalities for India healthcare systems

CO2: Elaborate structure and interdependence of healthcare system elements and issues using critical thinking to formulate innovative system designs that improve healthcare delivery

CO3: Integrate concepts of ethics, privacy, and administration to achieve optimal organizational effectiveness while adhering to personal and professional values in all elements of health delivery

CO4: Explain basic concept, nature, importance and objective of Human Resource Management

CO5: Discuss concept, need, significance and process of Human Resource Planning

Recent Trends in Public Administration and Important Laws

Upon completion of the course, the students will be able to-

CO1: Discuss concept of New Public Administration and New Public Management

CO2: Explain Public Choice Approach and the relevance of the Civil Society

CO3: Explain meaning and importance of the Citizen Charter

CO4: Discuss concept of Good Governance, E-Governance and Disaster Management

CO5: Discuss important Laws such as Civil Rights Protection, Consumer Protection, Environment Protection, and Right to Public Services

Project Work

Upon completion of the course, the students will be able to-

CO1: Develop problem solving abilities and communications skill

CO2: Demonstrate an understanding of the social, political, economic, and cultural factors that influence public administration

CO3: Develop ability to effectively communicate, both in writing and orally, using the important terminology, facts, concepts, and theories used in the field of public administration

CO4: Acquaint social, administrative issues and policies

B. A. Sociology

Program Specific Outcomes

At the time of graduation, the students will be able to-

PSO1: Understand nature, scope and basic concepts of Sociology

PSO2: Learn critical evaluation of theories in sociology

PSO3: Understand concepts of social relations, social control, values and culture

PSO4: Acquire significance of social institution, caste system, religion, nationalism, integrity, equality and justice

PSO5: Follow new stream of thoughts and theories of social thinkers

PSO6: Gain knowledge about various social groups like tribal community, women community, etc

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Course Outcomes

B. A. Sociology

SEMISTER I

Introduction to sociology

At the completion of the course, the students will be able to:

CO1: Explain concepts of theoretical perspectives in sociology and how they are used in sociological explanations of social behaviour

CO2: Describe how social interactions are influenced by local, regional, national, and global cultures

CO3: Describe origin and the development of sociology in general and development in India in particular

CO4: Elaborate various approaches and principles of sociology

CO5: Give importance and uses of sociology in present society

Individual and Society

At the completion of the course, the students will be able to:

CO1: Give Importance of Indian culture and Socialization

CO2: Describe concept of social Structure

CO3: Elaborate origin of caste system

CO4: Explain factor of social change and social control

CO5: Write concept of conformity and deviance

SEMISTER II

Introduction to subfield of sociology

At the completion of the course, the students will be able to:

CO1: Give Importance of Scope

CO2: Describe concept of social psychology

CO3: Elaborate origin of the political sociology

CO4: Explain factor of anthropology

CO5: Write concept of applied sociology

Indian Social Composition

At the completion of the course, the students will be able to-

At the completion of the course, the students will be able to-

CO1: Explain features of Indian society

CO2: Describe population factor & Impact

CO3: Write importance of Secularism in Indian society

CO4: Elaborate structure of rural society in India

CO5: Give importance of Democracy in India

SEMISTER III

Problems of rural India

At the completion of the course, the students will be able to:

CO1: Explain Problem's of rural women

CO2: Describe Domestic violence law

CO3: Explain education Dropout in rural area

CO4: Give India rural area Economy

CO5: Elaborate major issue in Development

Contemporary Urban issues

At the completion of the course, the students will be able to:

CO1: Explain concept of Urbanization

CO2: Elaborate cause and impact of Indian Migration

CO3: Explain various types of urban planning

CO4: Give importance of Globalization

CO5: Evaluate urban change

SEMISTER IV

Population in India

At the completion of the course, the students will be able to:

CO1: Explain basic concepts of Indian population

CO2: Describe density of population in India

CO3: Write on human population dynamics

CO4: Elaborate population growth and environment

CO5: Give importance of population policy in India

Sociology of development

At the completion of the course, the students will be able to:

CO1: Describe conceptual perspectives on development

CO2: Explain concept of sustainable development

CO3: Write on problems of Poverty & Unemployment,

CO4: Elaborate view of capitalist socialist and mixed approaches

CO5: Give importance Impact of Government schemes in India

SEMISTER V

Sociological Tradition

At the completion of the course, the students will be able to:

CO1: Give Scope industrial revolution

CO2: Describe French revolution

CO3: Explain theory low of three stages

CO4: Elaborate Durkheim theory of suicide

CO5: Describe theory of Karl Marx‟s Class struggle

Introduction to research methodology

At the completion of the course, the students will be able to:

CO1: Give Scope and Importance of Social Research

CO2: Describe Types of Research

CO3: Explain Scientific Research Process

CO4: Elaborate difference between Theory and Research

CO5: Describe problem of objectivity in Research

Social Problem in India

At the completion of the course, the students will be able to:

CO1: Explain Problems of corruption in India

CO2: Elaborate causes & Effects of Suicide in India

CO3: Give importance of industrial Project in India

CO4: Explain deference between rural and urban society in India

CO5: Describe educational equality in India

SEMISTER VI

Sociological Theories

At the completion of the course, the students will be able to:

CO1: Explain theory of social action

CO2: Elaborate Robert matrons theory of role set

CO3: Describe Lewis Coser theory of violence

CO4: Explain symbolic interaction theory

CO5: Write on theory of power and authority

Social Research Methods

At the completion of the course, the students will be able to:

CO1: Explain techniques of Sociological Investigation

CO2: Describe use of computer in social research

CO3: describe introduction of SPSS

CO4: Elaborate utility of social research

CO5: Give use of internet in social research

Social Disorganisation in contemporary in India

At the completion of the course, the students will be able to:

CO1: Explain concept and cause of social disorganisation

CO2: Elaborate women violence in India

CO3: Describe terrorism and nakshalism in India

CO4: Explain Regional imbalance in India

CO5: Write changing values and culture

Project Work

At the completion of the course, the students will be able to:

CO1: Write Importance of research culture

CO2: How collects data in field work

CO3: Describe impact of problems on society

CO4: Elaborate importance of research methodology
