Programme Outcomes of Bachelor of Arts (B.A)

This programme helps students to achieve their expected goals in their future life. It makes them acquainted with the social, economical, historical, Geographical, political, ideological and philosophical thinking. It inculcates the human values in the students so that they may deal with various problems in life with courage and patience. The students acquire knowledge in the field of social sciences, literature and humanities. It helps the students to appear in various competitive examinations. It guide them to choose their post graduation programme . Overall it provides the base to be a responsible citizen.

Course Outcomes for B.A (Three year Course)

Subject- History

B.A 1ST Year:-

Ancient Indian History (Paper I) (1st Sem.)

:-History is record of the achievements of Man.

Indian History is a mirror of the thought, religious, philosophy, cults and culture of India. The inhabitants of India as those of elsewhere in the world, have passed through various stages of development in their march towards present day civilization. Now written records are available about the earliest in habitants of India. The period for which no written records or some other reliable evidence is available is called the prehistoric. India's history culture is dynamic, spamming back the beginning of human being.

I) In an endeavor to further the holistic understanding of ancients Indian Culture is all its parameters. This course provides a sound grounding the various vistas of our history and culture. Classify nature of pre-historic societies, identify Paleolithic and Neolithic settlements.

II) The conservation of our heritage and also helps in heritage managements. Its open the door to opportunities is the streams of Archaeology, Musicology, Conservation, Social Science and Humanities.

III) To study the cultural history of India and its facts, understand the various phases in its evolution. Review the method of interpretation of Archaeological data and analysis. To create awareness of Musicology and Conservation and promote remedial conservation for Monuments and other artifacts.

IV) Artifacts via practical experience through field trip, practical workshops, etc. To develop a strong carps of research scholars who are equipped with the requisites skill and knowledge base about result advances in the field of Archaeology, Cultural

History, World Civilization, Religion, Philosophy, Performing Arts, Musicology Conservation, etc.

V) Classify urbanisation is the genetic basin, Classification of Buddhism and Jainism.

B.A 1ST year (2nd Sem.)

Medieval History of India (1206-1707) (paper2)

- Establishment of Turkish power in India (1206-1526)
- Understanding of foundation of Delhi sultanate and sultanate administration.
- The students can recognize of the socio, economic condition of Delhi sultanate and lodhis.
- Decline of Lodhis and Bahamanis, rise of Mughals. (1526-1707)
- The students will be able to form an idea on the establishment of Mughal role in India in 1526 A.D.
- Understanding role of Akbar in the consolidation of Mughal in India.
- The student will have clear idea about the role of Sahajahan and the golden age of Mughal architecture.
- Understand Aurangzeb's conflicts with Rajputs, Marathas and weaking Mughals age.
- Analyze the land revenue system of Todarmal, Zabtis, Zamadari and Mansabdari.
- Discussion and Description of Militarism of Medieval India.
- Cultural and social life of umras and other elite class.

B.A 2nd year 3rd Sem.

(Modern Indian history) 3rd paper

- ✓ Students would gain knowledge, idea of land revenue, economic condition of India and describe revolt of 1857.
- ✓ Students get to know the return of forgotten nationalism the bounced back under the Indian National Congress.
- ✓ Students would acquaint themselves with the coming up of Gandhiji and taking command of freedom struggle is the most peaceful and constructive way till the attainment of independence of India.

B.A 2nd Year 4th Sem.

History of Haryana 4th paper

- ✓ Students will be able to thinking by analyzing, synthesizing and evaluating historical information for multiple sources.
- ✓ Students will be able to develop the ability to distinguish between fact and fiction while understanding that there is no one historical truth.
- ✓ In this course students will be able to acquire knowledge about Indus Valley, Battle of Mahabharata, Battle of Train, Panipat, Harshvardhana, etc.

B.A 3rd year 5th Sem.

Ancient and Medieval World History (5th paper)

- ✓ Students acquire knowledge about Neolithic age, Mesopotamia, Sumerian, Harappan Civilization.
- ✓ Students acquire knowledge about Feudalism, Rise of Islam, Khaliphas, Politics, etc.
- ✓ Students acquire knowledge about pre-Islamic Arabia, socio, economic and political life of Arabia.
- ✓ Describe the geographical discoveries and the Renaissance movement and reformation.

B.A 3rd year 6th Sem.

Modern world History 6th paper

- ✓ Students acquire knowledge about marcantalism, Capitalism, Industrial revolution, etc.
- ✓ Students acquire knowledge about Rise of Nationalism and Liberal Democracy.
- ✓ Sufficient knowledge to know Fascism, Nazism, World War I, II.
- ✓ It will help students to know about American efforts who solve the civil war.
- ✓ Students get to know about Lenin and Stalin.
- ✓ Students' knowledge of Non-Aligned movement and its impact of International Politics.

Outcomes of Political Science

B.A I , Sem. I, 2nd – Indian Constitution

- Students will increase their mental development by acquiring knowledge of Indian Political System.
- They will understand the utility of Indian Government System in the present.
- They will gain knowledge about President and Prime Minister of India.
- To gain practical knowledge Parliament.

Political theory

B.A 2nd Sem. I, II

- The Students will enable to know current political activities through ideology.
- They can develop their political values
- They will be able to use freedom, equality justice and rights in the life.

Comparative Politics

B.A III, Sem. I, 2nd

The Students will be able to:-

- ✓ Getting knowledge of their political behavior by comparing different government arrangements.
- ✓ Study of political activities and political behavior from comparative government.
- ✓ To study in what situations the governments would like and behave.

B.A Pass Geography

Course Outcomes

1.) B.A 1st year 1st Sem.

(Geography of India)

India in World Geography is define as Indian sub continent, where all variation of climate Physiographic, Pedology, Vegetation, study of all these factors have cumulative effect on the well being of students engaged in different occupation like agriculture, mining, fishing, manufacturing, etc., can be optimized through study of Indian Geography and its various aspects and also evaluating the impact of human activities and natural environment special reference to India.

2.) B.A 1st year 2nd Sem.

Physical Geography Part-I

Physical geography directly focused on processes shaping the land surface of the earth and its envelope emphasizes the spatial variation that occur and the temporal changes necessary to understand the contemporary environments of the earth. In this part students will be explored to the nature of physical system such as Geomorphologic process and natural hazards. Students also learn how human, physical and environmental components of the world interest.

In the 2nd sem. students gain knowledge about Topographical maps and applies this knowledge in ground surface, Identification of different types of rock or land form.

1. **B.A II year 3rd Sem.**
   Physical Geography Part-2
   Physical Geography part II is further extension of P.G parts I, after being acquainted with basic Indian geography. Students are taught about physical geography in general. It includes basic concepts such as weather and climate, Atmospheric insulation, circulation and atmospheric pressure and winds. It also introduces students to the basic oceanographic concepts which act as basic building blocks for future geographical conquest. After this students will be able to answer general geography maps comprehensively.

   B.A 2nd Year 4th Sem.
   (Human Geography)

Human geography is the study of social process in terms of space and place. Students will develop a solid understanding of the concept of spaces, places and region and their importance in exploring world affairs. Students will understand general demographic principles and their patterns at regional and global scales.

Practical

In this semester students will learn about different forms of map projections and examine the difficulties in moving between two dimensional and there dimensional images.

5. B.A 3rd year 5th Sem.

Economic Geography

Life of human beings depends on certain economic activities. In this course students learn about all types of economic activities prevalent in different part of the World. As the distribution of resources differs spatially hence the development of different economic activities differ on Earth. Students learn the spatiality of different crops, minerals and industries in this course. They learn about various local and global factors which determine the economy of a region.

Practical

Maps are basic tool of geography. Here the students learn different types of distributional maps and their construction. In short they realize the goal of map making in this semester.

6. B.A 3rd year 6th Sem.

Introduced to remold sensing GLS & Qualitative methods

This course introduces building geography to latest practical approaches in the world of geography. In the present scenario geography is one of the leading discipline using Remote Sensing and G/S application. It provides stimulus to new generation for learning the basic of RS and G/S which help in surveying mapping and problem solving. The basic of quantitative method is a normal requirement in research work and helps the students in geographical analysis.

Practical

Introduction to Remote Sensing fields' Survey Report the final semester students are acquainted with the latest practical techniques in the field of geography Remote Sensing. They are trained in interpretation of aerial photos and satellite imageries. A field survey report is also prepared by students by collecting primary data.

Course Outcomes in mathematics

Calculus Sem. 1(1st year)

1. Verify the value of limit of a function at a point using the definition of the limit.
2. Learn to check that function is continuous or not.
3. Knowledge of higher order derivatives, Reduction formula for Integration.
4. To understand the concept of asymptotes and find asymptotes of algebraic and polar equations.
5. Tracing of curves in Cartesian, Parametric and polar co-ordinates, Reduction formulae and Rectification.
6. Area bounded by closed curves, volumes and surfaces of solids of revolution.

Number Theory and Trigonometry

Sem. 2 (1st year)

1. Find quotients, and remainders from integer division.
2. Apply Euclid's algorithm and backward substitution.
3. Understand definition of congruence, residue classes and least residues, add and subtract integers modulo m.
4. Solve linear congruence.
5. Application based on Diophantine and Chinese remainder Theorem.
6. Understand concept of logarithm of complex quantity. Demoivre's Theorem, Inverse circular and hyperbolic function.

Statics

Sem. III (2nd year)

1. Define resultant component of Force, Coplanar forces, like and unlike parallel forces, moment of forces and couple, equation of line of action of resultant.
2. Define virtual work done and stable and unstable equilibrium.

Advanced calculus

Sem. 2 (2nd year)

1. To check the continuity of function and derivability of function.
2. Indeterminate forms.
3. Students will understand the concept of partial differentiation.
4. Problem solving of MVT and roll's Theorem.
5. Finding extreme value of function of two variables.
6. Curve in space, involutes and evolutes.

Special Functions and Integral Transform
Sem. 4 (2nd year)

1. The course will enable the students to understand the properties of special function like Bessel's function. Legendre functions, Hermite function with their properties.
2. Concept of Laplace transforms and its application to solve differential and integral equations.
3. Fourier transform and its application to solve differential equations.

Programming In C and Numerical Method

1. To understand programmer's model of a Computer Algorithms, flow charts.
2. Programming in C language.
3. Solution of algebraic and transcendental equations by Bisection Method, Regale-False Method, Secant Method etc.
4. Simultaneous linear algebraic equation by Gauss-elimination Method, Triangularisation Method, Crout's Method, Relaxation Method etc.

Course Outcome (Math's)

Real Analysis –Sem.-5 B.A /B.Sc.

Real Analysis describes the fundamental properties of the real numbers. It demonstrates an understanding of Riemann integral, fundamental theorems of integral calculus, mean value theorem of integral calculus, improper integrals and their convergence, comparison tests, integrability of an integral of a function of parameter. It gives the basic knowledge of metric spaces, open and closed metric spaces and their compacness. This course is a proof based course.

Groups and Rings (sem-5)

B.A / B.Sc.

This course gives an introduction to group and ring theory. It covers the fundamental definitions and results in group theory, including the Lagrange's Theorem, group homomorphism's, the relation between normal subgroups and quotient groups and the isomorphism and automorphism

theorems. It gives the detailed knowledge of the structure of finitely generated abelian groups, cyclic groups, and permutation groups, symmetric and alternating groups. It covers the fundamental concepts and results in ring theory including the concepts of an ideal, quotient ring, integral domain and fields. It also covers the Euclidean rings, Polynomial rings, Eisenstein's criterion of irreducibility, Unique Factorization Domain.

Course Outcome

Real and complex Analysis (Semester 6)

This course consists of real analysis and complex analysis. Real analysis gives the vast knowledge of Jacobeans, Beta and Gamma function, double and Triple integral, Change of order of integration in double integrals. It gives the deep knowledge of Fourier series, Fourier series of piecewise, Monotonic function, Properties of Fourier coefficients, Dirichlet's conditions, Parsevals' identity for Fourier series, Fourier series for even and odd function, Half range series and change of intervals. Complex analysis makes us know about 'extended complex plane', stereographic projection of complex numbers, analytic functions, Cauchy-Riemann equation, Harmonic functions, mappings by elementary functions: Translation, Rotation, Magnification and Inversion, Conformal mappings, Mobius Transformations, Fixed points, Cross ratio, Inverse points and Critical mappings.

Dynamics Sem. 6

This paper helps us in knowing about velocity and acceleration along radial, transverse tangential and normal directions, relative velocity and acceleration, Simple Harmonic motion and Elastic Strings. It tells us about Mass, Momentum and Force, Newton's laws of motion, Work, Power and Energy, Definitions of conservative forces and Impulsive forces. It gives immense knowledge of motion on smooth and rough plane curves, projectile motion of a particle in a plane, vector angular velocity, central orbits, Kepler's laws of motion, motion of a particle in three dimensions, acceleration in term of different coordinate systems.

Algebra (B.A /B.Sc. Sem. 1)

This paper consists of mainly two topics. One is matrix which gives knowledge of Symmetric, Skew Symmetric, Hermitian and Skew-Hermitian matrices, Elementary operations on matrices, Rank of a matrices, Inverse of a matrix, linear dependence and independence of rows and columns of matrices, row rank and column rank of matrix, Eigen values, Eigen vector and the characteristic equation of a matrix, minimal polynomial of a matrix, Caley Hamilton theorem and its uses in finding the inverse of a matrix, applications of matrices to a system of linear (both

homogenous and non-homogeneous) equations, Unitary and Orthogonal matrices, Bilinear and quadratic forms. Second topic is relations between the roots and coefficients of general polynomials equation in one variable, Solutions of polynomial equations having condition on roots, common and multiple roots, Transformation of equations, Nature of roots of an equation, Descartes' Rule of signs, Solutions of cubic equations (Cardon's Method), Biquadrate equations and their solutions.

Vector Calculus (B.A/B.Sc. Sem. 2)

This paper gives vast knowledge of scalar and vector product of three vectors, reciprocal of vectors, vector differentiation, scalar valued point function, vector valued point function, derivative along a curve, directional derivatives. This paper tells about gradient of a scalar function and divergence and curl of vector point function and Laplacian operator. Students will learn about Orthogonal curvilinear coordinates, Gradient, Divergence and Laplacian operators in terms of orthogonal curvilinear coordinates, cylindrical coordinates, spherical coordinates. Students will have deep knowledge of vector integration, linear integral, surface integral, volume integral. Problem of Gauss, Green's & Stocks Theorems are done in details.

English Department

B.A1st Semester. Title of the book- Literature and Language I

Learning Outcomes

Students will be acquainted about the IPA and able to speak correct pronunciation of words. They will be acquainted about some writers and their philosophy. Their communication skill will be developed. Students will have excellent pieces of prose in English so that they realize the beauty and communicative power of English. Their interest in reading will be developed.

B.A 2nd Semester, Title of the paper: Literature and Language II

To encourage students to make a detailed study of a few sample masterpieces of English prose. They will be acquainted about some writers and their philosophy. Their communication skill will be developed. Students will have excellent pieces of prose in English so that they realize the beauty and communicative power of English. Their interest in reading will be developed. Students will be able to write good essays and their grammatical knowledge enhanced. Their writing skill will be improved.

B.A 3rd Semester, Title of the paper: Fragrances A Textbook of poetry and language skills

Students will study many literary master pieces. Their power of imagination will be developed. They will be able to explain the meaning of the poems. Their speaking skill will be improved. They will be able to write good letters. They will be acquainted about different literary periods through different poets.

B.A 4th Semester:- Centre Stage

To enable students to become competent users of English in real life situations. To expose students to varied cultural experiences through literature. To contribute to their overall personality development by improving their communicative skills and soft skills. Students will have realize the beauty and communicative power of English.

B.A 5th Semester, Title of the paper: Kanthapura by Raja Rao

To introduce students to the basics of novel as a literary form. To make students aware of different types and aspects of novel. To expose students to some of the best examples of novel. Students will go through Kanthapura. They will study India novelist Raja Rao an novelist. They will be acquainted about Gandhian movement and his philosophy during freedom. Such novels will help in arising patriotic feelings among readers.

B.A 6th Semester, Title of the paper: The Merchant of the Venice by Shakespeare

To introduce students to the basic of literary Drama. History and major movements of that time will be introduced to students. Some famous plays will be told to students. Prescribed play “the Merchant of Venice’ is a tragic comedy. Students will go through the play and be able to understand Shakespearian philosophy of life.

Course Outcomes of Psychology

B.A 1

Invitation to Psychology

1) Students will demonstrate acquisition of both factual knowledge and the ability to conceptualize and apply this knowledge to their own behavior.
2) To describe connection between knowledge gained in psychology to everyday life.
3) Demonstrate an understanding of psychology theory regarding the relationship between physiology, cognition and emotion.

B.A II

Social Psychology

1) To describe the fundament al process of social categorization and its influence on thoughts feelings and behavior
2) Students will be able to describe the self concepts and its influence on information processing and its diversity across social groups
3) Interpret and assess the relationships between groups including intergroup contacts conflict competition and cooperative
4) Explain the psychological influences of culture on the basic psychological processes, social and human development, social cognition and social interaction.

DEVELOPMENTAL PSYCHOLOGY

1) Identify the major issues tasks and milestones of human development such as physical cognitive social and emotional development throughout the life span.
2) Evaluate core Concepts, Strengths and Weakness of the major theories of life span development
3) By reading developmental psychology, students have a deep understanding about their world and fill brain with background knowledge
4) Demonstrate an understanding of the various theories in development psychology
5) Describe the process of heredity human reproduction and prenatal development

B.A III

PSYCHOPATHOLOGY

Students will learn about the types and causes of mental disorders, their assessments treatment and related research in psychotherapy for the disorders

2) Differentiate between several measures of brain activity used in bio psychological research

3) Identify the underlying cause of neurological and mental disorders

APPLIED PSYCHOLOGY

1) To enable students to obtain the knowledge and skills necessary immediate employment and/ or graduate study in psychology and related areas.
2) To produce graduate with effective interpersonal skills who can work in a variety of practical settings
3) To understand how theories and research of psychology can be applied to the real world.
4) Identify and describe the goals in sub areas of study within cognitive psychology
5) Demonstrate and understanding of the research processes that have culminated in past and current knowledge

Psychology Practicals helps people in large part because it can explain why people act the way they do it can help people improve their decision making stress management and behavior based on understanding past behavior to better predict future behavior It helps to understand the thoughts, emotions and behavior of people students will be able to demonstrate skills in research communication , ethical behavior complex cognitive processes and professional development.

Course outcomes

Sociology

Basic Concepts in Sociology:

The course is intended to introduce the students to a sociological way of thinking. It provides an understanding of the discipline of Sociology and demonstrate the utility of sociological perspective for their lives.

Society, Culture and Social Change:

This course is intended to introduce the students to basic social institutions to describe Indian society and culture of different periods from pre-history to modern era. It also provides knowledge about various social processes that play significant role in bringing about changes in Indian Society and Culture.

Social Research and Methodology:

The course is an introductory course on how research is actually done. With emphasis on formulating research design, methods of data collection and data analysis. It will provide students with some elementary knowledge on how to conduct both quantitative and qualitative research.

Social Problems in India:

The course aims to provide a general introduction to social problems like Castism, Corruption, Poverty, Prostitution, Dowry, Domestic Violence etc and about legal provisions against these problems.

Foundation of Social Thought:

The course aims to provide a general introduction to sociological theory and thought. The paper acknowledges the contributions of Western Scholars in the development of sociology.

Rural Society: Structure and Change:

The course explores substantive issues in Rural Sociology. It gives attention to Women Empowerment, Panchayati Raj, Land Reforms and Caste System etc.

COURSE OUTCOME FOR B.A. HOME SCIENCE

Vision statement: "Promote Overall Development" Department of Home Science envisions inculcating the highest quality of life, practical education and value for resources. The students gain knowledge of nutritious food practices and promote their life style and helps in all-round development. Department of Home Science offers three-year degree course.

B.A. PART I Semester I Home Management (Theory)

Unit-I 1. Concept of Home Science, definition, meaning and scope of Home Science. 2. Housing-functions of Home, selection of site for an ideal house-soil, locality and orientation. 3. Kitchen garden-meaning and utility of kitchen garden, planning & raising of kitchen garden, types of manure.

Unit-II 1. Elements of art-line, texture, form, texture size, shape & colour. Characteristics of colour and colour schemes. 2. Principles of art-harmony, balance, proportion, rhythm, emphasis, in relation to interior decoration and flower arrangement.

Unit-III 1. Consumer protection-buying problems of consumer, consumer protection act-rights and duties of consumer. 2. Meaning of Home Management, process of Home Management-planning, controlling and evaluation. 3. Classification of human and material resources, similarities of different resources.

Unit-IV 1. Management of family resources-money management, meaning, types of income, process of money management, budgeting, keeping of records, evaluation. 2. Time management, process of time management, time plans, peak loads, rest periods. 3. Energy management, process of energy management, fatigues and its types, work simplification-Meaning and Methods**.**

PART I Semester I Home Management (Practical)1. Cleaning& Polishing of Household metals: -Brass, Copper, Silver & Aluminum 2. Floor Decoration: - Rangoli, Alpana 3. Table Setting & Table Manners. 4. Preparation of Monthly Budget for various income groups. 5. Care and Cleaning of Household Equipments-Mixer and Grinder, Microwave Oven, Washing Machine and Refrigerator.

B.A. PART I Semester II Hygiene and Applied Science (Theory)

Unit-I 1. Meaning and Objective of Health Education, Health Hazards of Modern Age-Air, Water, Soil, Noise Pollution. 2. Definition of health and hygiene, factors relating to health -- food habits, exercise, rest and sleep and cleanliness of body. 3. Water-importance of water, impurities of water, types of water, sources of contamination and purification of water (natural and domestic methods.).

Unit-II 1. Definition of infection, infective agents, infectious diseases, communicable diseases, incubation period, modes and channels of transmission of infection, isolation. 2. Disinfectants-Definition, types and methods of disinfection. 3. Immunity -Definition and types of immunity, immunization schedule.

Unit-III 1. Diseases spread by insects: Malaria. 2. Disease spread by ingestion: Enteric Fever, Dysentery, Cholera. 3. Diseases spread by droplet infections; Measles, Mumps, Diphtheria, Tuberculosis. 4. Diseases spread by contact: Leprosy, Tetanus.

Unit-IV 1. Transmission of heat-Elementary ideas about transmission of heat & their application in daily life, clothes, utensils, fire place, thermos flasks. 2. Thermometers and J scales of measurement, simple conversions- centigrade to Fahrenheit. 3. Evaporation-factors affecting evaporation, refrigeration.

B.A. PART I Semester II Hygiene and Applied Science (Practical) 1. Pottery, painting & decoration (At least one pot each) 2. Repair of fuse & plug. 3. Flower arrangement –Fresh / Dry 4. Preparation of any two charts in relation to personal hygiene. 5. Preparation of any one article for interior decoration: Soft Toys, Paper Machine, Glass Painting, Fabric Painting, Tie and Dye, etc.

B.A. PART II Semester III Clothing and Textile (Theory)

Unit-I Definition and classification of Fibres. Properties and uses of Different fibres: Cotton, Silk, Wool and Nylon

Unit-II Brief introduction of weaving, basic weaves - plain, twit and satin. Finishing processes in fabrics (a) Meaning and Objective of finishes (b) Different types of Finishes: Calendaring, Sizing, Mercerizing, Crease Resistant. (c) Dyeing-simple dyeing and resist dyeing, dyeing at various stages. (d) Types of printing

Unit-III Selection of fabrics according to age, season, budget, occupation, figure, fashion and occasion. Traditional embroideries of India (Phulkari, Kantha, Kashida and Chikankari) Traditional textiles of India: (a) Traditional sarees of India (i, Baluchari, Banarsi, Chanderi, Patola and Bandhani) (b) Other textiles- (Dhaka, Mulmul, Brocade.)

Unit-IV Supplies necessary for Laundry: -- (a) Soaps and Detergents-composition and manufacturing, difference between soaps and detergent (b) Types and uses of Starches, blues and bleaches. (c) Different methods of Laundry (d) Reagents used in Laundry: Acids, Alkalis, Solvents and Absorbents. (e) Stain removal-classification of stains, methods of removing different types of stains.

B.A. PART II Semester III Clothing and Textile (Practical)1. Preparation of samples: --- (a) Basic stitches-tacking, running stitch, back stitch, hemming, button hole stitch (b) Seams-Plain seam, French seam, counter seam, lapped seam (c) Processes-Gathers into a band --- Pleats (Knife and Box), Darts (Simple and Fish Dart), Placket Opening (Continuous and Two pieces), Tucks (Pin and Cross) 2. Embroidery-one article of fancy embroidery using at least four stitches. OR Six fancy embroidered handkerchiefs with different stitches 3. Knitting: ---(a) Following of knitting instructions (b) Preparation of two samples of different designs (Minimum size 4”x 4”) 4. Tie and dye 5. Block Printing.

B.A. PART II Semester IV Human Physiology (Theory)

Unit-I Animal cell-structure and functions of cell organelles. Skeletal System: Functions, Types of bones, Names of bones and types of joints.

Unit-II Digestive System; Parts of Alimentary Canal-Mouth, Pharynx, Oesophagus, Stomach, Small Intestine, and Large Intestine. Digestion and Absorption of food Excretory System: Structure and functions of Kidney, Skin and Lungs.

Unit-III Circulatory System: -- (a) Composition and Functions of Blood (b) Heart: Structure and Working (c) Coagulation of blood (d) Blood Pressure (e) Normal levels of haemoglobin, cholesterol, urea, uric acid and glucose in blood

Unit-IV Reproductive System: (a) Female reproductive system (b) Sex Glands (Male and Female) (c) Menstruation (d) Fertilization (e) Pregnancy (f) Lactation Endocrine System: Functions of different glands-Pituitary, Thyroid, Parathyroid, Adrenal Gland, islets of Langerhans in Pancreas.

B.A. PART II Semester IV Human Physiology (Practical) 1. Different parts of sewing machine, its care, defects and remedies 2. Taking body measurement 3. Drafting of the

following: (i) Child's bodice block and its adaptation to a gathered frock. (ii) Adult's bodice block and its adaptation to their choice garment 4. Drafting and stitching of the following garments: (i) Gathered frock (three to eight years old) (ii) Petticoat (iii) Salwar & Kamiz Or Blouse.

B.A. PART III Semester V Food and Nutrition (Theory)

Unit-I Food-classification & functions of food groups Essential food constituents: Carbohydrates, Protein, Fats, Water, source: functions, recommended daily allowances, effect of deficiency and excess of these food constituents Vitamins-A, D, C, B1, B2, Niacin Minerals - Calcium, Phosphorus & Iodine. Food source, functions, recommended daily allowances, effects of deficiency & excess of the above.

Unit-II Importance and methods of cooking. Effect of cooking on different nutrients. Methods of cooking, their advantages and disadvantages: Moist Heat-Boiling, Stewing, steaming. Dry heat-Roasting, grilling, baking. Frying- Shallow and deep Microwave cooking in brief.

Unit-III Methods of enhancing nutritive value of food stuffs: - 1. Importance of enhancing nutritive value of food stuffs.2. Methods of enhancing nutritive value of food stuff, sprouting, fermentation, combination, and supplementation. 3.Food Preservation: -a. Importance of food preservation. b. Causes of food spoilage in brief c. Methods of food preservation with special emphasis on house hold methods.

Unit-IV Meal Planning: -- 1. Concept of Balanced diet. 2. Principles of Meal Planning, factors affecting it. 3. Planning meals for: Children-school going child, Adolescents, Adults, Pregnant women and lactating mother.

B.A. PART III Semester V Food and Nutrition (Practical) 1. Preparation of various dishes (at least 2 each) under following heads using different methods of cooking: -(a) Beverages, (b) Soups,(c) Desserts,(d) Snacks,(e)Salads,(f) Breakfast dishes, (g) Main meal dishes.

B.A. PART III Semester VI Child Psychology and Mother craft (Theory)

Unit-I1. Definition, aims, subjects, matter, objective of studying child psychology. 2. Learning: What is learning, importance of learning, Methods of learning, Factors affecting learning& Role of reward and punishment in learning.

Unit-II Personality development: -- Nature of personality, Definitions, Types of personality factors affecting the development of personality, play: -- Definition, features of play, Difference between work and play, Types of play, importance of play in childhood. Stages of the development of the child, characteristics and problems of Adolescence, role of parents and teachers in solving their problems.

Unit-IIIthe Expectant mother:Signs of pregnancy, Discomforts of pregnancy.Effects of an early marriage

Unit-IV1. Breast feeding, artificial feeding, Weaving.2.Common aliments of childhood:Cold, cough, fever. 3. Digestive Disturbances-Diarrhoea, Constipation and Vomiting& Skin infections.

0S**B.A. PART III Semester VI Child Psychology and Mother craft (Practical)** 1. Planning and preparation of meals for: 1. Pre-school going child and school going child. 2. Adolescents-Boys and Girls 3. Adult 4. Pregnant and lactating mother.Food Preservation-Pickle, Chutney, Jam, Squash, Morrabba (at least two each).

COURSE OUTCOME OF B.A. (ECONOMICS)

Semester-I

Course ECO 1.1-Microeconoimics

CO1. Understand Nature, scope and problems of Economy, identify micro and macro concepts.
CO2. Understand law of demand, elasticity of demand and learn about consumer theories- cardinal and ordinal.
CO3. Understand how factor market works, illustrate basic tools in welfare economics, and illustrate the concept of social welfare functions and compensation principles.
CO4. Understand production function, laws of production and producer's equilibrium.
CO5. Understand concept of supply, cost and revenue.

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Semester-II
Course ECO 1.1-Microeconoimics
CO1. Understand about Market structure and types of market.
CO2. Understand firm's equilibrium in perfect competition, monopoly, monopolistic, oligopoly market equilibrium.
CO3 Understand price determination in perfect competition, monopoly, monopolistic, oligopoly market equilibrium.
CO4. Understand market success and situation of market failure.
CO5. Demonstrate theory of factor pricing, theory of wages, identify different types of rent, illustrate different theories of interest and profits

Semester-III

Course ECO 1.2-Macroeconomics
CO1. Defineandexplaintheprocessofcalculatingnationalincome, identify its components, demonstrate circular flow of income, analyse the various income identities with government and international trade, define the concept of green accounting.
CO2. Explain the meaning of consumption function, relationship between APC and MPC, consumption and income, concept of multiplier and analyse the theories of absolute and relative income hypotheses.
CO3. Understand the relationship between investment and savings, demonstrate investment multiplier, and understand the meaning of MEC and MEI.
CO4. Understand the concept of multiplier.

CO5. Understand and learn national income determination in closed economy, open economy, short run and long run.

Semester-IV

Course ECO 1.3-Macroconomics

CO1. Understand the term money, supply of money, demand for money.
CO2. Learn and explain various theories of money- liquidity preference, quantity theory of money.
CO3. Understand the process of credit creation, monitory policy and IS-LM analysis.
CO4. Understand theories of trade cycle – Hicks and Samuelson, and economic growth – Harrod Domar model.
CO5. Understand Nature and scope of public finance and taxation system, impact and incidence of tax.

Semester-V

Course ECO 5.1-Development Economics

CO1. Develop ideas of the basic characteristics of Indian economy, difference between growth and development.
CO2. Understand determinants, measurement and obstacles of economic development.
CO3. Understand vicious circle of poverty and technique of growth- Balanced and Unbalanced.
CO4. Understand lewis model, leibenstein's critical minimum effort thesis.
CO5. Understandthatenvironmentalproblemisnottheproblemof a single country orregion but a global problem/issue .Hence, policy formulation may be for all countries.

Semester-VI

Course ECO 6.1- International Trade

CO1. Identify the basic difference between inter-regional and international trade, understand how international trade has helped countries to acquire goods at cheaper cost and explain it through the various international trade theories.
CO2. Show the benefits of international trade in a way how nations with strong international trade have become prosperous and have the power to control world economy and how global trade can be one of the major contributors of reducing poverty.
CO3. Explain how restrictions to international trade would limit a nation in the services and goods produced within its territories and at the same time explain that arise in international trade essential for the growth of globalization.
CO4. Show the importance of maintaining equilibrium in the balance of payments and suggests suitable measures to correct disequilibrium as well.
CO5. Be aware of the changes in the composition as well as direction of foreign trade after international trade and know the causes and effects of deficits in the balance of payments, measures adopted to correct the deficits and identify the need for having trade reforms

संस्कृत – अनुवर्तन (Course Outcome)

बी.ए प्रथम समिसत्र :– हितोपदेष की कथाऐं।

1. हितोपदेश से नैतिक मुल्यों का विकास
2. सामाजिक ज्ञान में वृद्वि।
3. राष्ट्रीय भावना का उन्नयन।
4. सांस्कृतिक मूल्यों का उन्नयन।
5. अनिकता में एकता।

बी.ए द्वितीय समिसत्र :– शुकनासोपदेश।

1. व्यक्ति के अच्छे और बुरे व्यवहार में अन्तर
2. गुण व अवगुण में अन्तर
3. सामाजिक ज्ञान में वृद्वि
4. राष्ट्रीय भावना का उन्नयन

बी.ए द्वितीय वर्ष तृतीय समिसत्र :– रामायण बालकाण्ड प्रथम अध्याय।

1. प्राचीन, सामाजिक, राजनीतिक व धार्मिक पृष्टभूमि का अवलोकन सम्भव।
2. बौद्विक क्षमता का विकास।
3. सामाजिक ज्ञान मे वृद्वि।

बी.ए द्वितीय वर्ष चतुर्थ समिसत्र :– रघुवंशम।

1. सेवा भावना।
2. निस्वार्थता।
3. निष्काम कर्म की भावना।
4. व्याकरण का सम्यक ज्ञान ।
5. समाजिक ज्ञान मे वृद्वि।
6. शब्द ज्ञान।

बी.ए तृतीय वर्ष पण्चम समिसत्र :– अभिज्ञानशाकुन्तलम।

1. सांस्कृतिक मूल्यों का उन्नयन।
2. समाज को देखने का दृष्टिकोण विकसित होता है
3. छनद अलंकार के माध्यम से काव्य सर्जन की क्षमता का उन्नयन।
4. राष्ट्रीय भावना का उन्नयन।

बी.ए तृतीय वर्ष समिसत्र :– अभिज्ञानशाकुन्तलम।

1. वैदिक व लौमिक संस्कृत के इतिहास का सम्यक ज्ञान।
2. पर्यावरण संचेतना का विकास।
3. प्राचीन देव परम्परा का सम्यक ज्ञान।
4. बौद्धिक क्षमता का विकास।
5. शब्द ज्ञान।

हिंदी–विषय के पाठ्यक्रम के अनुदेशनात्मक उद्देश्य

कला स्नातक प्रथम वर्ष

पेपर – 1 प्रथम सत्र

1. मध्यकालीन कवियों का जीवन–दर्शन कृतित्व व प्रासंगिकता जानने में सहायक।
2. हिंदी साहित्येतिहास लेखन परम्परा को जानने में सहायक
3. आदिकाल की राजनैतिक, सामाजिक, आर्थिक, सांसकृतिक व साहित्यिक परिस्थितियों को जाने में सहायक।
4. भारतीय काव्यशास्त्र में काव्य, रसद्व अलंकार, छंद , शब्दशक्तियाँ आदि जानने में सहायक।

पेपर–2 द्वितीय सत्र

ध्रुवस्वामिनी–नाटक,हिंदी साहित्य का इतिहास,व्यावहारिक हिंदी

1. प्रसाद की नाट्यकला को जानने में सहायक
2. ध्रुवस्वामिनी नाटक की अभिनेयता को जानने में सहायक।
3. गुप्तकाल की सामाजिक, राजनैतिकद्व धार्मिक परिस्थितियों को जाानने में सहायक।
4. नारी विषयक समस्याओं को जानने में सहायक।
5. भक्तिकाल की समस्त परिस्थितियों को जानने में सहायक।
6. संतकाव्यधारा, सूफीकाव्यधारा, रामकाव्यधारा, कृष्णकाव्यधारा की प्रवृतियों को जानने में सहायक।
7. भाषा के विविध रूपों को जानने में सहायक।
8. हिंदी वर्तनी समस्था व समाधान जानने में सहायक।
9. मुहावरे व लोकोक्तियों को जानने में सहायक।

पेपर – 3 तृतीय सत्र

आधुनिक हिंदी कवितात्र हिंदी साहित्य का रीतिकाल, प्रयोजनमूलक हिंदी

1. आधुनिक हिंदी कवियों का साहित्यिक परिचय, अनुभूतिगत वैशिष्ट्य तथा अभिव्यक्तिगत सौष्ठव को जानने में सहायक।
2. रीतिकाल की समस्त परिस्थितियों को समझने में सहायक।

3. रीतिसिद्ध, रीतिबद्ध व रीतिमुक्त कवियों को साहित्यक परिचय व दर्शन समझने में सहायक।
4. प्रयोजमूलक हिंदी में कम्प्यूटर, ई–मेल, इंटरनेट आदि को जानने में सहायक।

पेपर – 4 चतुर्थ सत्र

हिंदी साहित्य का आधुनिक कालःगद्य, पारिभाषिक शब्दावली

1. आधुनिकाल की परिस्थितयाँ को जानने में सहायक।
2. हिंदी उपन्यास, कहानी, नाटक व निंबध के बानरे में जानकरी में सहायक।
3. पारिभाषिक शब्दावली के स्वरूप, महत्व आदि को जानने में सहायक।

पेपर – 5 पंचम् सत्र कला स्नातक तृतीय वर्ष

समकालीन हिंदी किवता, आधुनिक कालः कविता, प्रयोजनमूलक कविता

1. समकालीन हिंदी कवियों, साहित्यिक–परिचय व कविताओं को जानने में सहायक।
2. आधुनिक काल की परिस्थितियों को जानने में सहायक।
3. भारतेंदु युग, द्विवेदी युग, छायावाद, प्रगतिवाद, प्रयोवाद, नई कविता व समकालीन कविताओं की विशेषताओं को जानने में सहायक।
4. कार्यलयी व पारिवारिक पत्रों के लेखन संबंधी जानकारी में सहायक।

पेपर – 6 छठा सत्र

नव्यतर गद्य गौरव, हरियाणवी भाषा और साहित्य का इतिहास, पत्रकारिता : स्वरूप्प एवं प्रकार

1. बालमुकुंद गुप्त – आशा का अंत निबंध आचार्य रामचंद्र शुक्ल – उत्साह निबंध , महादेवी वर्मा– गिल्लू संसमरण , आचार्य हजारी प्रसाद द्विवेदी – देवदारू ललित निबंध, डॉ0 विद्यानिवास मिश्र – मरे राम का – मुकुट भीग रहा है – ललित निबंध, हरिशंकर परसाई – सदाचार का ताबीज व्यंगय निबंध , राहुल सांस्कृत्यायन –तिब्बत के पथ पर यात्रा वृतांत के उदेश्य व साहितियेक परिचय जानने में सहायक।
2. हरियाणवी भाषा की बोलियों, उद्भव एवं विकास को जानने में सहायक।
3. हरियाणवी सांग परम्परा को जानने में सहायक।
4. हरियाणवी कविताओं को जानने में सहायक।

हिंदी विषय के पाठ्यक्रम के अनुदेशात्मक उदेश्य

विज्ञान स्नातक द्वितीय वर्ष

पेपर – 1 तृतीय सत्र

आठ अर्वाचीन आधुनिक कवि, निबंध लेखन, पत्र – लेखन, वैज्ञानिक शब्दावली

1. आधुनिक कवियों का जीवन – दर्शन साहितियिक परिचय जानने में सहायक
2. विभिन्न विषयों पर निबंध – लेखन में सहायक
3. सरकारी व व्यावहारिक पत्र – लेखन लिखने में सहायक
4. विज्ञान के पारिभषिक शब्दों को – जाने में सहायक।

पेपर चतुर्थ सत्र

संस्मरण, निंबध – लेखन, पत्र–लेखन, वैज्ञानिक शब्दावली

1. आधुनिक काल के विशिष्ट विदवानों, लेखको व लेखिकाओं भावभिव्यक्ति व जीवन–दर्शन को जानने में सहायक।
2. संस्मरण विधा पर लेख लिखने में सहायक।
3. विभिन्न विषयों पर निबंध – लेखन में सहायक।
4. सरकारी व अर्धसरकारी तथा व्यावहारिक पत्र–लेखन में सहायक।
5. विज्ञान के पारिभाषिक शब्दों को जानने में सहायक।