DON BOSCO SCHOOL OODLABARI

CLASS : XII

SYLLABUS

ACADEMIC SESSION

2026-27

DON BOSCO SCHOOL, OODLABARI

Syllabus - Class: XII

Academic Session 2026 - 27

CATECHISM

COURSE OBJECTIVES

Students understand the core teachings of Jesus Learn Moral and spiritual values Related and reflect Biblical teachings to personal faith formation and ethical decision making

LEARNING OUTCOMES

Analyze significant events
Apply Biblical principles by demonstrating understanding of humility, forgiveness, service and faithfulness in real life situations.
Show personal reflection on spiritual growth and moral responsibility**.**

TERM – 1

Half Yearly Examination: (50 Marks)

1. Le 101 The parable of the rich man and Lazarus
2. Le 102 The parable of the Pharisee and the tax collector
3. Le 103 the Lord's Prayer
4. Le 104 Jesus' glorious entry into Jerusalem
5. Le 105: Jesus washes the feet of his disciples
6. Le 106; The last supper
7. Le 107 Jesus' agony in the garden
8. Le 108 The kiss of Judas
9. Le 109 Peter denies Jesus
10. Le 110 Jesus before Caiaphas

TERM – 2

Final Examination: (50 Marks)

1. Le 111 Jesus before Pilate
2. Le 112 Jesus is crowned with thorns
3. Le 113 The way of the cross
4. Le 114 The death of Jesus on the Cross
5. Le 115 The resurrection of Jesus
6. Le 116 Jesus appears to Mary Magdalene
7. Le 117 Jesus appears to his apostles
8. Le 118 The Ascension of Jesus
9. Le 119 The descent of the Holy Spirit
10. Le 130 Religious Freedom

SUBJECT: ENGLISH LANGUAGE

COURSE OBJECTIVES

1. Language Proficiency: To enhance students' proficiency in English, focusing on reading, writing, speaking, and listening skills.
2. Critical Thinking: To develop critical thinking and analytical skills through working on composition, comprehension and writing exercises.
3. Effective Communication: To foster effective communication skills, enabling students to express their ideas clearly and coherently in both spoken and written forms.
4. Grammar and Composition: To strengthen understanding of grammar and composition, enhancing students' ability to construct well-structured sentences and paragraphs.

LEARNING OUTCOMES:

1. Demonstrate Language Skills: Exhibit improved language skills in reading, writing, speaking, and listening, with a focus on clarity and coherence.
2. Analyze Texts: Analyze and interpret a variety of texts, identifying themes and the author's purpose.
3. Engage in Discussions: Participate in discussions confidently, articulating personal opinions and supporting arguments with relevant examples.
4. Write Effectively: Produce well-organized essays, letters, reports, and creative pieces that reflect a strong command of language and structure.
5. Apply Grammar Rules: Apply grammar rules accurately in both written and spoken English, demonstrating an understanding of syntax, punctuation, and style.

PRE-ASSESSMENT (80 marks)

1. Composition - Narrative, Descriptive, Reflective, Discursive, Argumentative, Story writing. (March)
2. Directed writing - report writing (newspaper): an accident, natural calamity, official functions, and events. (April)

b) Book review
3. Proposal writing (April)
4. Functional Grammar (April)
5. Comprehension (May)

Half Yearly Examination: (80 Marks

1. Composition - Narrative, Descriptive, Reflective, Discursive, Argumentative, Story writing. (June)
2. Proposal writing (April)
3. Directed writing - Speech writing, Article writing (July)
4. Functional Grammar (July)
5. Comprehension (August)

PREBOARD (80 marks)

1. Composition (August)

2. Directed writing - report writing, travel brochure, Statement of Purpose, Personal Profile. (September)
3. Proposal writing (October)

4. Functional Grammar (October)
5. Comprehension – (November)

a) i) synonymous words, ii) different meaning sentences
b) Comprehension questions
c) Summary writing

Internal Assessment: Project / Practical Work (20 Marks)

1.Virtual friendships do not contribute to the growth of a person. Write for or against the topic with appropriate evidence to support your arguments.
2.Create a collage to show how war has an adverse effect on the common man. Images can be hand- drawn, printed or clipped from a magazine or newspaper.

ENGLISH LITERATURE

COURSE OBJECTIVES

1. To develop critical appreciation of prose, poetry, and drama prescribed in the ISC syllabus.
2. To understand literary devices such as imagery, symbolism, irony, metaphor, and characterization.
3. To enhance interpretative and analytical skills through close reading of texts.
4. To improve written and oral expression through structured answers, essays, and discussions.

LEARNING OUTCOMES

1. Analyze themes, characters, and literary techniques in prescribed texts.
2. Interpret poems, short stories, and plays critically with textual references.
3. Write well-structured analytical and critical answers as per ISC examination pattern.
4. Express independent opinions confidently in discussions, debates, and written assignments.

Pre. Assessment: 22.5.2026

PERSPECTIVES: A Collection of ISC Short Stories

1. The Doll's House – Katherine Mansfield
2. Death by Scrabble- Charlie Fish
3. The Dreamer – ‘ Saki’H.H. Munro

REFLECTIONS: A Collection of ISC Poems

1. My Grandmother’s House – Kamala Das
2. Refugee Blues – W.H. Aude
3. Urban – Nissim Ezekiel

DRAMA: Pygmalion – George Bernard Shaw Act 3

Project:

HALF YEARLY: 01.09.2026
PERSPECTIVES: A Collection of ISC Short Stories
4. Games at Twilight – Anita Desai
5. The Father-Thing – Philip K. Dick
REFLECTIONS: A Collection of ISC Poems
4. Ode to Tomatoes – Pablo Neruda
5. The Black Santa – Allison Joseph
DRAMA Pygmalion- George Bernard Shaw Act IV
Project work:

PRE BOARD: 9.12.2026
PERSPECTIVES: A Collection of ISC Short Stories
1. The Doll's House – Katherine Mansfield
2. Death by Scrabble – Charlie Fish
3. The Dreamer – 'Saki'
4. Games at Twilight – Anita Desai
5. The Father-Thing – Philip K. Dick

REFLECTIONS: A Collection of ISC Poems
1. My Grandmother's House – Kamala Das
2. Refugee Blues – W.H. Aude
3. Urban – Nissim Ezekiel
4. Ode to Tomatoes – Pablo Neruda
5. The Black Santa – Allison Joseph

DRAMA: PYGMALION BY GEORGE BERNARD SHAW (Acts 3,4 and 5)
Project:

SUBJECT: HISTORY

COURSE OBJECTIVES

- Encourage critical thinking and analytical skills through interpretation of historical sources.
- Develop chronological understanding and the ability to connect historical events across regions.
- Promote appreciation for India's cultural heritage and global historical developments.
- Develop an understanding of historical processes and the evolution of an Independent India

LEARNING OUTCOMES

- To develop the ability to express views and arguments clearly using correct terminology of the subject.
- To familiarise candidates with various types of historical evidence and to provide some awareness of the problems involved in evaluating different kinds of source materials.

- To provide accurate knowledge of significant events and personalities of the period under study, in sequence and in context.

Pre-Assessment (80 Marks)
1. Towards Independence and Partition: The Last Phase (1939-1947) (January 2025)
2. Establishment of Indian democracy (1947 – 1966) (March)
3. Development of Indian Democracy (1964 – 1977) (April)
4. Changing face of the Indian Democracy (1977 – 1986) (April)

Half Yearly Examination: (80 Marks)
1. India's Foreign Policy (May)
2. Movements for Women's Rights (June)
3. World War II (June-July)
4. De-colonisation – in Asia (China) and Africa (Ghana & Kenya) (August)

Pre-Board: (80 Marks) (Full Book as per ICSE)

1. Towards Independence and Partition: The Last Phase (1939-1947) (January 2025)
2. Establishment of Indian democracy (1947 – 1966) (March)
3. Development of Indian Democracy (1964 – 1977) (April)
4. Changing face of the Indian Democracy (1977 – 1986) (April)
5. India's Foreign Policy (May)
6. Movements for Women's Rights (June)
7. World War II (June-July)
8. De-colonisation – in Asia (China) and Africa (Ghana & Kenya) (August)
9. Cold War (1945-91)– origin, end and impact (August-September)
10. Protest Movements (October)
11. Middle East: Israeli-Palestine conflict (1916-1993) (October)

Internal Assessment: Project / Practical Work (20 Marks) **(Any one)**
Any one topic from the ISC Syllabus prescribed as below:
1. Towards Independence and Partition: The Last Phase (1939-1947)
2. Establishment of Indian democracy (1947 – 1966)
3. Development of Indian Democracy (1964 – 1977)
4. Changing face of the Indian Democracy (1977 – 1986)
5. India's Foreign Policy
6. Movements for Women's Rights
7. World War II
8. De-colonisation – in Asia (China) and Africa (Ghana & Kenya)
9. Cold War (1945-91)– origin, end and impact
10. Protest Movements
11. Middle East: Israeli-Palestine conflict (1916-1993)

SUBJECT: GEOGRAPHY

COURSE OBJECTIVES

1. To develop an in-depth understanding of human and economic geography, including population, migration, settlements, and resources.
2. To analyze spatial patterns and regional development at national and global levels.
3. To enhance skills in map work, data interpretation, and field survey techniques.
4. To promote awareness of environmental issues and sustainable development practices.

LEARNING OUTCOMES

After completing the course, students will be able to:

1. Explain concepts of population dynamics, transport, trade, and resource distribution using appropriate geographical terminology.
2. Interpret statistical data, thematic maps, and diagrams to draw logical geographical conclusions.
3. Assess regional planning and development issues in India and the world with critical understanding.
4. Apply geographical knowledge to contemporary issues such as urbanization, environmental degradation, and sustainable resource management.

Pre-Assessment (70 Marks)

Chap1 -Locational setting of India [By march]
Chap2-Geological Evolution and structure [By march]
Chap3-Relief [By march]
Chap4- Drainage [By march]
Chap5-Climate. [By April]
Chap6-Natural Vegetation [By April]
Chap7-Population [By May]

Internal Assessment- (30 marks)

1. Drawing of scales: Linear, graphic scales showing primary and secondary divisions; representative fractions and statement of scales methods.

Half Yearly Examination: (70 Marks)

Chap8-Migration Trends [By June]
Chap9-Demographic attributes [By June]
Chap10-Rural settlements [By July]
Chap11-Urban Settlement [By July]
Chap12-Environmental Management and Land use pattern [By [July]
Chapter 13-Water Resources and Types of irrigation [By August]

Internal Assessment- (30 marks)

1. Drawing of Cross section or profiles of important contours, viz, Ridge, plateau, escarpment, valley, conical hill, types of slope, sea cliffs, waterfalls, spurs, by using vertical exaggeration and horizontal equivalent.

Pre-Board Examination (70 marks)

1. Whole syllabus (All chapters and Map work)

Internal Assessment: Project / Practical Work (30 Marks)

1. Household survey, of about 30-60 households of a village or locality.

SUBJECT: POLITICAL SCIENCE

COURSE OBJECTIVES

- To develop a comprehensive understanding of comparative politics and international relations and their functioning across the globe.
- To enable students to critically analyze political ideologies, constitutions, and political systems of different countries.
- To encourage independent thinking, research aptitude, and informed civic participation.
- To develop the ability to correlate theoretical political concepts with real-world political events.

LEARNING OUTCOMES

- Analyze the working of legislatures, executives, and judiciaries in different political systems.
- Interpret global political developments, including regional organizations and emerging global challenges.
- Exhibit informed citizenship values such as tolerance, democratic participation, and global awareness.
- Develop critical thinking skills by engaging in debates, discussions, and project-based research.

Pre-Assessment (80 Marks)

1. Forms of Government (Completed in class XI)
2. Constitution (March- April)
3. Franchise and Representation (April)
4. The Legislature (April- May)

Half Yearly Examination: (80 Marks)

1. The Legislature (July)
2. The Executive (July)
3. The Judiciary (August)
4. Indian Constitution (August)

Pre-Board: (80 Marks) (Full Book as per ICSE)

1. Forms of Government
2. Constitution
3. Franchise and Representation
4. The Legislature

5.The Executive
6. The Judiciary
7. Indian Constitution
8. Fundamental Rights and Directive Principles (September)
9. Local self-government (October)
10. Democracy in India – a perspective of the challenges faced (November)

Internal Assessment: Project / Practical Work (20 Marks)**(Any one)**
1. Identify and explain the electoral reforms that are urgently needed in India.
2. Role of National Human Rights Commission in safeguarding the rights of the underprivileged.
3. Role of Local Self Government institutions in women empowerment.
4. Right to Education: To what extent has it benefited the slum children?
5. Discrimination faced by a girl child.

SUBJECT: MATHEMATICS (SCIENCE)

COURSE OBJECTIVES

1.To enable students to apply concepts of Calculus, Matrices, Determinants and Probability in solving complex and real-life problems.
2.To help students use mathematics as a tool in disciplines like Physics, Economics, Engineering and Computer science through application.
3.To develop Clarity in presenting mathematical arguments, prof and step wise solution, encouraging precision and correct use of mathematical notation.

LEARNING OUTCOMES

1.Students will be able to Evaluate Limits and test Continuity and Differentiability.
2.Students will be able to solve system of Linear equation using Matrices and Determinants.
3.Students will be able to formulate and solve problems in Probability and Linear programming.

Pre-Assessment (80 Marks)
Chapter 1- Relation (March)
Chapter 2- Functions (March)
Chapter 5 – Determinants (March)
Chapter 4- Matrices (March)
Chapter – Calculus (Integration)
Chapter 3 – Inverse Trigonometric Functions (April)
Chapter 7- Continuity and Differentiability (April)
Chapter 8- Differentiation (May)

PROJECT
1. Project on Determinants
2. Project on Matrices

Half Yearly Examination: (80 Marks)
Pre-Assessment
Chapter 9- Application of Derivatives (May)
Chapter10- Maxima and Minima (May)
Chapter 24- Probability (June)
Chapter 25 –Bayes Theorem and Probability Distribution (June)
Linear Programming (LPP)
Pre-Board: (80 Marks) (Full Book as per ICSE)

Internal Assessment: Project / Practical Work (20 Marks)
1.Project on Matrices and Determinants
2.Project on Application of Calculus

SUBJECT: APPLIED MATHEMATICS (COMMERCE)

COURSE OBJECTIVES

1.To develop mathematical thinking and ability to communicate mathematical ideas logically and precisely.
2.To enhance ability of analytical and rational thinking in young minds.
3.To enhance the ability to apply the mathematical skills in interdisciplinary subjects.
4.To develop an appreciation of the role of mathematics in day-to-day life.

LEARNING OUTCOMES

1.Students will be able to apply concepts of calculus, probability and linear programming to solve real life problems related to Business, Economics
2.Students will be able to analyze, interpret and present data using statistic tools such as measures of central tendency, dispersion, correlation and regression
3.Student will be able to compute and interpret simple and compound interest, annuities, shares and other financial instruments.
4.Students will develop analytical thinking and logical reasoning skills.

Pre-Assessment (80 Marks)
Ch -1 Relation
Ch-**2** Functions
Ch-4 Matrices
Ch-5 Determinants
Ch-6 Adjoint and Inverse of a Matrix
Ch-3 Inverse Trigonometry Function (April)
Ch-7 Differentiation (April)
Ch-17 Probability (May)

Internal Assessment, Projects:
1.Using Venn diagram, verify the distributive law of three non-Empty sets A, B and C
2.draw the graphs of sinx, sin2x, 2sinx and sinx/2 on the same graph using same coordinate axes and interpret the same.

Half Yearly Examination: (80 Marks)
Pre-Assessment
Ch-21 Liner Programming (April)
Ch-18 Bayes Theorem (June)
Ch-19 Probability (June)
Ch-20 Probability (July)

Pre-Board: (80 Marks) (Full Book as per ICSE)

Internal Assessment: Project / Practical Work (20 Marks)
1.Using Venn diagram, verify the distributive law of three non-Empty sets A, B and C
2.draw the graphs of sinx, sin2x, 2sinx and sinx/2 on the same graph using same coordinate axes and interpret the same.

SUBJECT: PHYSICS

COURSE OBJECTIVES

- Apply knowledge of terms facts, concepts, definitions and principles in physics.
- Develop proficiency in handling Apparatus, recording observations, drawing diagrams and plotting graphs.
- Understand the core areas of modern, classical and applied physics.

LEARNING OUTCOMES

- **Ap**plying theoretical knowledge to Real world scenario, solving numerical problems and understanding the technological applications of Physics.

Pre-Assessment (70 Marks)

- Electrostatics
- Ray Optics and optical instruments
- Wave Optics
- Atomic Physics

Half Yearly Examination: (70 Marks)

- Current Electricity
- Magnetic effects of current and magnetism
- Electromagnetic Induction
- Alternating currents
- Electromagnetic waves
- Ray Optics
- Wave Optics
- Dual nature of radiation

- Electrostatics

Pre-Board: (70 Marks, including Electronics and Nuclear Physics) (Full Book as per ICSE)

Internal Assessment: Project / Practical Work (30 Marks)

- Practical -15 marks
- Project Work -10 marks
- Practical File -05 marks

SUBJECT: CHEMISTRY

COURSE OBJECTIVES

- Consolidate and extend knowledge of physical, inorganic, and organic chemistry.
- Apply thermodynamics, kinetics, and equilibrium concepts to advanced problems.
- Understand electrochemistry, solid state, and solutions in detail.
- Explore transition elements, coordination compounds, and industrial chemistry.
- Master organic chemistry reactions, mechanisms, and biomolecules.
- Strengthen laboratory skills for quantitative and qualitative analysis.
- Prepare comprehensively for ISC Board Examinations and higher studies in science.

LEARNING OUTCOMES

- Solve advanced numerical problems using mole concept, thermodynamics, and kinetics.
- Explain electrochemical cells, electrode potentials, and applications.
- Describe properties of solids, liquids, and solutions with quantitative treatment.
- Understand transition metals, coordination chemistry, and their applications.
- Identify, classify, and predict reactions of organic compounds.
- Relate chemistry to industry, environment, and everyday life.
- Demonstrate precision in laboratory experiments and analytical techniques.

PRE- ASSESMENT (70)

1. Solutions (March-April)
2. Electrochemistry (April)
3. Haloalkanes and Haloarenes (May-June)

Half-Yearly (70)

1. Solutions (March-April)
2. Electrochemistry (April)
3. Haloalkanes and Haloarenes (May-June)
4. Chemical Kinetics (July)
5. d and f block elements (Aug)
6. Coordination Compounds (Aug)
7. Alcohols, Phenols and Ethers (Sept)

Pre-Boards-

1. Solutions (March-April)
2. Electrochemistry (April)
3. Haloalkanes and Haloarenes (May-June)
4. Chemical Kinetics (Aug)
5. d and f block elements (Aug)
6. Coordination Compounds (Sept)
7. Alcohols, Phenols and Ethers (Sept)
8. Aldehydes, Ketones and Carboxylic Acids (Oct)
9. Organic Compounds containing Nitrogen (Oct)
10. Biomolecules (Oct-Nov)

Internal Assessment: Project / Practical Work (20 Marks)

1. Identification of salt
2. Per-manganimetry titration.
3. Identification of Organic Functional groups.
4. Identification of Bio-Molecules
5. Project on ISC assigned topics.

SUBJECT: BIOLOGY

COURSE OBJECTIVES

The course aims to:

1. Develop advanced understanding of biological concepts at molecular, organismal, and ecological levels.
2. Explain mechanisms of heredity, variation, and evolution.
3. Build conceptual clarity on reproduction and reproductive health.
4. Develop understanding of biotechnology and its applications in medicine, agriculture, and industry.
5. Promote awareness of human health, diseases, and preventive strategies.
6. Foster environmental sensitivity and understanding of biodiversity conservation.
7. Strengthen analytical thinking, problem-solving,and interpretation of biological data.
8. Prepare students for higher education in medical, life sciences, environmental sciences, and biotechnology fields.

LEARNING OUTCOMES

By the end of Class 12 Biology, students will be able to:

1. Explain complex biological processes using scientific terminology.
2. Interpret diagrams, data, and experimental results.
3. Apply principles of genetics and molecular biology to solve problems.
4. Analyze ecological interactions and environmental challenges.
5. Evaluate the role of biotechnology in modern society.
6. Demonstrate scientific reasoning and evidence-based conclusions.

Pre- Assessment (70)

Ch 1. Sexual Reproduction in flowering plants. (March)
Ch 2. Human Reproduction (March-April)
Ch 3. Reproductive Health (April-May)
Ch 11. Biotechnology: Principles and processes. (December 2025)
Ch 12. Biotechnology and its applications. (January 2026)

Half-yearly (70)

Ch 1. Sexual Reproduction in flowering plants. (March)
Ch 2. Human Reproduction (March-April)
Ch 3. Reproductive Health. (April-May)
Ch 4. Principles of inheritance and variation. (June)
Ch 5. Molecular Basis of inheritance (July)
Ch 11. Biotechnology: Principles and processes. (December 2025)
Ch 12. Biotechnology and its applications. (January 2026)

Pre- board (70)

Ch 1. Sexual Reproduction in flowering plants. (March)
Ch 2. Human Reproduction (March-April)
Ch 3. Reproductive Health. (April-May)
Ch 4. Principles of inheritance and variation. (June)
Ch 5. Molecular Basis of inheritance (June-July)
Ch 6. Origin of Life (July)
Ch 7. Evidences and theories of Biological Evolution (July-August)
Ch 8. Human evolution (August-September)
Ch 9. Human Health and Diseases. (September)
Ch 10. Microbes in Human Welfare (September)
Ch 11. Biotechnology: Principles and processes. (December 2025)
Ch 12. Biotechnology and its applications. (January 2026)
Ch 13. Organisms and populations (October)
Ch 14. Ecosystems (October)
Ch 15. Biodiversity and its conservation (November)

Internal Assessment: Project/Practical work (30 marks)
Project work. (10marks)

1. Genetic disorders/General therapy/ Human Genome project/ DNA fingerprinting/ Mendelian Inheritance/ Role of agrochemicals in increasing food production/ Role of micro-organisms in industry.

Practical File (5marks)
Practical Work (15 Marks)

1. Taxonomy- Study floral characteristics through dissection of flowers drawing floral formulas and diagrams of following families:
   i. Malvaceae
   ii. Leguminosae
   iii. Solanaceae

iv. Liliaceae
v. Cruciferae
vi. Composite
vii. Gramineae

2. Simple biochemical and physiological experiments.
   i. Study of arrangement/distribution of stomata in dicot and monocot leaves.
   ii. Study of soils from two different sites.
   iii. To study the effect of enzyme action at three different temperatures and pH on starch solution.
   iv. To isolate DNA from available plant material.
3. Slide preparation.
   i. Germination of pollen grain in a nutrient medium.
   ii. T.S of ovary of any locally available flower, to show marginal/ axile placentation.
   iii. T.S of a hydrophyte stem
   iv. T.S of a xerophytic leaf.
   v. L.s of monocot and dicot seed.
4. Spotting.
   i. Identifying and commenting on charts and slides.
   ii. Comment upon ecological adaptations of plants and animals..
   iii. Flowers adapted to pollination by different agencies.

SUBJECT: COMPUTER SCIENCE

COURSE OBJECTIVES

• To develop strong understanding of Boolean algebra and Logic Design.
• To strengthen Object Oriented Programming concepts.
• To implement algorithms using structured programming techniques.
• To apply advanced concepts like Recursion, Inheritance and Data Structures.
• To introduce computational complexity and performance analysis.

LEARNING OUTCOMES

Students will be able to:
• Apply Boolean algebra laws and logic gates in problem solving.
• Implement structured and modular Java programs.
• Use strings arrays, methods and constructors effectively.
• Apply recursion and inheritance concepts in programming.
• Understand data structures and algorithm complexity.
• Analyse time complexity using Big O notation.

Pre – Assessment: (70 Marks)

Chapter 1: Boolean Algebra (March)
Chapter 2: Computer Hardware (April)
Chapter 3: Implementation of Algorithm to Solve Problems (April)
Chapter 4: Objects and Classes (April)
Chapter 5: Data Type and Variables (April)
Chapter 6: Statements and Scope(April)

Chapter 7: String Manipulations (May)
Chapter 8: Arrays (May)
Chapter 9: Methods (Functions) (May)
Chapter 11: Recursion(May)
Chapter 12: Inheritance, Interfaces and Polymorphism (May)
Chapter 13: Data Structure(May)
Chapter 14: Computational Complexity and Big O Notation (May)

Internal Assessment: Project / Practical Work (30 Marks)
Any 50 Programs based on Recursion ,Arrays , Strings and Python
Algorithm implementation project
Practical file submission

Half –yearly (70 Marks): Full book
Internal Assessment: Project / Practical Work (30 Marks)
Any 50 Programs based on Recursion, Arrays, Strings and Python
Algorithm implementation project
Practical file submission

Pre-board (70 Marks): Full Book
Internal Assessment: Project / Practical Work (30 Marks)
Any 50 Programs based on Recursion, Arrays , Strings and Python
Algorithm implementation project
Practical file submission

SUBJECT: ACCOUNTS

COURSE OBJECTIVES

1. To develop advanced accounting knowledge related to partnership accounts, company accounts, and issue and redemption of debentures.
2. To understand financial statements of company and their preparation as per Companies Act, 2013.
3. To analyse financial performance using tools such as ratio analysis and cash flow statement.
4. To apply accounting concepts in real-life business situations and develop logical, analytical and problem-solving skills.

LEARNING OUTCOMES

1. Students will be able to prepare and interpret financial statements of companies accurately.
2. Students will be able to calculate and analyse financial ratios and cash flow statements for decision-making.
3. Students will demonstrate the ability to record accounting transactions of partnership and companies systematically.
4. Students will develop critical thinking applicable in higher studies and professional courses like CA, CS, CMA, and MBA.

Pre-Assessment (80 Marks)

1. Financial statement Analysis (By Jan' 2026)
2. Comparative statement (By Jan' 2026)
3. Common Size statement (By Jan' 2026)
4. Cash Flow statement (By April 2026)
5. Ratio Analysis (By May 2026)

Half Yearly Examination: (80 Marks)

1. Partnership – Fundamentals (by May 2026)
2. Valuation of Goodwill (By June 2026)
3. Admission of a Partner (By June 2026)
4. Retirement of a Partner (By July 2026)
5. Death of a Partner (By July 2026)
6. Dissolution of Partnership firm (By August 2026)

Pre-Board: (80 Marks) (Full Book as per ISC)

Internal Assessment: Project / Practical Work (20 Marks)
As per the list suggested by ISC.

SUBJECT: PHYSICAL EDUCATION

COURSE OBJECTIVES

The course aims to develop physical fitness, health awareness, and an active lifestyle among students. It helps students understand the rules, skills, and scientific principles of sports and games while promoting teamwork, discipline, leadership, and sportsmanship. The subject also encourages lifelong participation in physical activity for overall well-being

LEARNING OUTCOMES

Students will be able to demonstrate skills and apply rules of various sports and games. They will understand principles of physical fitness, training, health, and injury prevention. The course also develops teamwork, leadership, discipline, and sportsmanship.

PRE- ASSESSMENT: (March to May)
Ch 1 Sociological aspect of Physical Education
Ch 2 Training methods
Ch 6 Sports injuries and first aid
Games: football

Half yearly:(June to august)
Pre – assessment +
Ch 3 career aspects in physical education
Ch 4 competitions and tournaments
Ch 5 health education and health problems
games: cricket

Internal Assessment: Project / Practical work (30 marks)
Project work and practical (ground)
Physical efficiency test
File work of any two games

Revision test: 1. all the chapters of the book and one extra game as per (ISC syllabus)
2. Practical Session will be conducted as per Time.

PRE BOARD: Entire book and Submission of Final Project Work.

SUBJECT: ECONOMICS

COURSE OBJECTIVES

1. Develop an understanding of basic economic concepts such as national income, money, banking, inflation, public finance, and international trade.
2. Help students understand the role of the government in economic activities, including fiscal policy, public expenditure, and public debt.
3. Familiarise students with monetary institutions such as the Reserve Bank of India and the banking system, and their role in economic stability.
4. Develop awareness of current economic issues like inflation, unemployment, poverty, balance of payments, and globalization.
5. Encourage logical thinking and analytical skills through interpretation of data, diagrams, and economic arguments.

LEARNING OUTCOMES

The students will be able to:

1. Understand Core Economic Concepts of microeconomics and macroeconomics such as demand, supply, elasticity, cost, revenue, national income, money, banking, inflation, and public finance.
2. Analyse consumer behaviour using utility and indifference curve analysis. Examine producer behaviour with reference to cost curves, revenue curves, and laws of returns. Understand market structures including perfect competition, monopoly, monopolistic competition, and oligopoly.
3. Calculate national income using different methods. Understand the importance of national income in measuring economic growth and development. Identify limitations of national income as an indicator of welfare.
4. Understand public revenue, public expenditure, and public debt. Analyse the role of fiscal policy in economic stability and growth. Evaluate government measures for controlling inflation and unemployment.

PREASSESMENT:

Chapter 2: Demand and law of demand
Chapter 3: Theory of consumer behaviour (March)
Chapter 4: Elasticity of demand (March)
Chapter 5: Supply law of supply and price elasticity of supply (April)
Chapter 6: Market mechanism (April - May)
Chapter 7: Forms of market (April - May)

HALF YEARLY:

Chapter 7: Law of returns: Returns to factor & returns to scale (May)
Chapter 8: Cost and revenue analysis (June)
Chapter 10: Producer's equilibrium (June)

Chapter 11: Determination of equilibrium price and output under perfect competition (July)
Chapter 18: National income and circular flow of income (July)
Chapter 19: National income aggregates (July - August)
Chapter 20: Method of measuring national income (August)

PRE-BOARD:

Chapter 12: Theory of income and employment (September)
Chapter 13: Money: Meaning and functions (September)
Chapter 14: Banks: Commercial bank and Central Bank (September - October)
Chapter 15: Balance of payments and exchange rate (October)
Chapter 16: Fiscal policy (November)
Chapter 17: Government budget (November)
&
Previous chapters

Projects:

1. Project 1: DEMAND AND LAW OF DEMAND:

a. Write a short note on demand and its determinants.
b. Analyse how changes in price, income, and consumer preferences simultaneously affect the demand for a selected commodity over a period of time.
c. Examine the relevance of the Law of Demand in real market conditions using case studies and well-labelled demand curves.

Project 2:

Select any four real-life industries or products (for example: mobile services, street food vendors, online retail platforms, pharmaceutical drugs, or agricultural produce).
Identify the form of market operating in each case (Perfect Competition, Monopoly, Monopolistic Competition, or Oligopoly).

For each selected market, analyse:

a. Number and size of sellers
b. Nature of the product
c. Degree of price control
d. Barriers to entry
e. Impact on consumers in terms of price, choice, and quality

Based on your analysis, evaluate whether the existing market structure is beneficial or harmful to consumer welfare and suggest one policy measure or business practice that could improve market efficiency.

SUBJECT: COMMERCE

COURSE OBJECTIVES

1. To develop understanding of business environment and the role of commerce in economic development.
2. To study principles of management and organization and their application in business enterprises.
3. To understand business finance and marketing concepts used in modern business practices.
4. To analyze emerging trends in commerce, including globalization, consumer protection and e-business.

LEARNING OUTCOMES

1. Students will be able to explain and apply management principles in real-life business situations.
2. Students will be able to analyze financial and marketing decisions taken by firms.
3. Students will develop the ability to interpret business data and case studies logically.
4. Students will gain confidence to pursue higher studies in Commerce, management, Economics and business administration.

Pre-Assessment (80 Marks)
Chapter 1. Business Environment (by March)
Chapter 2. Capital- fixed and working (by April)
3. Chapter 3. Sources of finance for a joint stock company (by April)
4. Chapter 4. Banking- latest trends (by April)
5. Chapter 5. Management- Meaning, Nature and Importance (by May)

Half Yearly Examination: (80 Marks)
Chapter 6. Principles of management (by June)
Chapter 7. Function of management and coordination (by June)
Chapter 8. Planning (by July)
Chapter 9. Organizing (by July)
Chapter 10. Staffing (by July)
Chapter 11. Directing (by August)

Pre-Board: (80 Marks) (Full Book as per ISC)

Internal Assessment: Project / Practical Work (20 Marks)
Project on Consumer Protection Act

SUPW

COURSE OBJECTIVES

- Make students independent and capable of doing useful work on their own.
- Help students learn how to handle real-life situations practically.
- Help students respect manual work and understand the value of manual work in the digital era.

LEARNING OUTCOMES

- Practice cleanliness and environmental care (e.g., waste management, Green energy).
- Create useful products that meet personal or community needs.
- Work effectively in a team and cooperate with others.

1. Cloth bags production out of old jeans
2. Best out of Waste

ACADEMIC STRUCTURE

TERM 1						TERM 2						
CA-1	CA-2	UT-1	HY	P	TOTAL	CA-3	CA-4	UT-2	FINAL	P	TOTAL	GRAND TOTAL
10	10	30	80	20	150	10	10	30	80	20	150	300