



KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE- AS LEVEL
SUBJECT: ENGLISH(9093)SESSION: 2026-2027

NAME OF THE TEACHER: Ms. Ankita Boral

MONTH	UNIT	CONCEPTS
APRIL 2026	PAPER 1 - Reading Text Analysis	• Review text types and language features. (Speech, advertisement, memoir and podcast) • the key component elements of speech, advertisement and memoir. • use of different word classes • function and impact of literal and figurative language • Identify different sentence types • Learn the function and impact of literal and figurative language
MAY 2026	PAPER 1 - Reading Text Analysis	• Review text types and language features. (travel writing, brochures, leaflet and review writing) • the key component elements of speech, advertisement and memoir. • use of different word classes • function and impact of literal and figurative language • Identify different sentence types • Learn the function and impact of literal and figurative language

JULY 2026	PAPER 1 - Reading Text Analysis	• Review text types and language features. (email,letter,diary entry,article,news stories, investigative journalism and (auto)biographies) • the key component elements of speech, advertisement and memoir. • use of different word classes • function and impact of literal and figurative language • Identify different sentence types • Learn the function and impact of literal and figurative language
AUGUST 2026	Paper 1 Reading Comparison of writing styles	This unit focuses on the skill of comparison and builds on the previous unit to explore characteristic features of different texts, noting the similarities and differences that exist between them.
SEPTEMBER 2026	Paper 2 Writing skills – extended writing	What is extended writing? Developing an imaginative or descriptive response Developing a discursive response Developing a critical response or review Practice and self-assessment
OCTOBER 2026	Paper 2 Writing Writing and reflective commentary	This unit links to the unit above and builds on writing skills to develop understanding of vocabulary, style and structure so that writing matches purpose, audience and form. By the end of this unit, learners should also be able to reflect on and evaluate their own writing.
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: EGP 8021
SESSION: 2026-2027
NAME OF THE TEACHER: Ms. Ginni Munjal

MONTH	UNIT	CONCEPTS
APRIL 2026	Syllabus Outline Core Course Knowledge	Topic and Key Skills Syllabus Aims and Objectives Course Content- Writing Essays- Demonstrating critical thought- Choosing topic areas (A. Economic, historical, moral, political, social; B. Science with its history, philosophy, ethics, general principles and application, Environmental issues; Technology; Mathematics; C. Literature, Language, the Arts, Crafts, the Media) Criteria for assessing essays Key Pointers defining ‘Core Knowledge’ of AS EGP course Considering audience, register and purpose Effective use of English language Understanding the task- expository, argumentative, discursive writing skills and importance of Tone Analysing Command Words and Phrases, Qualifiers Choosing one's approach to the essay task – traditional (argumentative) versus discursive (investigative) Key elements of an essay – Shape, Thesis, Evidence, Reasoned Conclusion Benefits of Critical Reading- Answering one out of the 10 given essay questions (600-700 words)
MAY 2026	Planning and Organising Responses	Writing to a time limit Deconstructing essay questions- Scope, Nouns, Limiting and Broad Terms, Command Words and Phrases Vocabulary for discussing global issues Generating ideas for the essay- Lenses, Hand Approach, General Idea to Specific Examples Stakeholders, Perspective and Context

		How can brainstorming help? Applying and Analysis of deconstruction of questions Practising what you have learnt- Exam Style Questions (1-5)
JULY 2026	Argumentative Writing	Concept of an argument (Logical Reasoning, Main claim) Horizontal spectrum of an arguable point- Discursive, Argumentative, Persuasive Opposing viewpoints, linking evidence to claims Evidence- Reasons-Commentary Argumentative Appeals to Ethos, Logos, Pathos, Kairos Recognising weaknesses in arguments – Logical Fallacies (14 listed varieties) Taking a position- argumentative writing versus writing to explain (Tone, Thesis development, Counter Argument strategies) How to write a Counterargument? Analysing sources using the RAVEN technique Developing an effective line of reasoning Drawing conclusions Building credibility

AUGUST 2026	Exploring issues through discursive writing	Understanding the concept of discursive writing Writing the discursive thesis statement Maintaining an objective tone Organisation of ideas- Handling perspectives, nuance, strategies for organisational structure Interim conclusions Comparing and contrasting sustained points and interim conclusions Evidence-based conclusions- Evaluating the issue- offering solutions
	Planning and Organising Responses	Writing to a time limit Deconstructing essay questions- Scope, Nouns, Limiting and Broad Terms, Command Words and Phrases

SEPTEMBER 2026		Vocabulary for discussing global issues Generating ideas for the essay- Lenses, Hand Approach, General Idea to Specific Examples Stakeholders, Perspective and Context How can brainstorming help? Applying and Analysis of deconstruction of questions Practising what you have learnt- Exam Style Questions (1-5)
OCTOBER 2026	Critical Reading	Understanding and applying information Introduction to comprehension paper 2
NOVEMBER 2026	Comprehension practice	Past paper
DECEMBER 2026	Comprehension practice	Past paper
JANUARY 2027	Revision	Essay Practice: Making a portfolio for their essays

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE – AS LEVEL
SUBJECT: PHYSICS SESSION: 2026-2027
NAME OF THE TEACHER: Mr. Vipin Kumar

MONTH	UNIT	CONCEPTS
APRIL/MAY 2026	UNIT 1 - PHYSICAL QUANTITIES AND UNITS UNIT 2 – KINEMATICS UNIT 3 - DYNAMICS	1.1 Physical quantities 1.2 SI units 1.3 Errors and uncertainties 1.4 Scalars and vectors 2.1 Equations of motion 3.1 Momentum and Newton’s laws of motion 3.2 Non-uniform motion 3.3 Linear momentum and its conservation
MAY/JULY 2026	UNIT 4 - FORCES, DENSITY AND PRESSURE UNIT 5 - WORK, ENERGY AND POWER	4.1 Turning effects of forces 4.2 Equilibrium of forces 4.3 Density and pressure 5.1 Energy conservation 5.2 Gravitational potential energy and kinetic energy
AUGUST 2026	UNIT 6 - DEFORMATION OF SOLIDS	6.1 Stress and strain 6.2 Elastic and plastic behavior 7.1 Progressive waves 7.2 Transverse and longitudinal waves

	UNIT 7 - WAVES	7.3 Doppler effect for sound waves 7.4 Electromagnetic spectrum 7.5 Polarisation
SEPTEMBER 2026	UNIT 8 - SUPERPOSITION UNIT 9 – ELECTRICITY UNIT 10 - D.C. CIRCUITS	8.1 Stationary waves 8.2 Diffraction 8.3 Interference 8.4 The diffraction grating 9.1 Electric current 9.2 Potential difference and power 9.3 Resistance and resistivity 10.1 Practical circuits 10.2 Kirchhoff's laws 10.3 Potential dividers
OCTOBER 2026	UNIT 11 PARTICLE PHYSICS	11.1 Atoms, nuclei and radiation 11.2 Fundamental particles
OCTOBER 2026	Revision	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: CHEMISTRY SESSION: 2026-2027
NAME OF THE TEACHER: Ms. Vrinda Ahuja

MONTH	UNIT	CONCEPTS
APRIL 2026	• Atomic Structure • Electrons in Atom	• Elements and atoms • Inside the Atom • Numbers of nucleons • Simple electronic structure • Evidence for electronic structure • Sub-shells and atomic orbitals • Electronic configurations • Periodic patterns of atomic and ionic radii • Patterns in ionisation energies in the periodic Table
MAY 2026	• Atoms , Molecules and Stoichiometry • Redox Reaction	• Masses of atoms and molecules • Hydrated and anhydrous compounds • Accurate relative atomic masses • Amount of substance • Mole calculations • Chemical formulae and chemical equations • Solutions and concentrations • Calculations involving gas volumes • What is a redox Reaction? • Oxidation Number • Applying the Oxidation Number Rules • Redox and Oxidation Number • Oxidising and Reducing agents • Naming Compounds

JULY 2026	• Rates of Reaction • Chemical Bonding	• From name to formula • Balancing chemical equations using oxidation numbers • Disproportionation • Rates of Reaction • Catalysis • The effect of concentration on rate of reaction • The effect on temperature on rate of reaction • Types of chemical bonding • Ionic Bonding • Covalent Bonding • Shapes of Molecules • Sigma and Pi Bonds • Metallic Bonding
JULY 2026	• Chemical Bonding • Enthalpy Changes	• Intermolecular Forces • Hydrogen Bonding • Bonding and physical properties • Intermolecular Forces • Hydrogen Bonding • Bonding and physical properties • What are enthalpy changes • Standard enthalpy changes • Measuring enthalpy changes • Hess's law • Bond energies and enthalpy changes • Calculating enthalpy changes using bond
AUGUST 2026	• Equilibria • Periodicity • Group 17 • Nitrogen and Sulfur	• Reversible reactions and equilibrium • Changing the positions of equilibrium • Equilibrium expressions and the equilibrium constant, K_c • Equilibria in gas reaction :the Equilibrium constant, K_c • Equilibria and the chemical industry • Acid-Base equilibria • Indicators and acid-base titrations • Structure of Periodic Table • Periodicity of physical properties • Periodicity of chemical properties

		• Oxides of Period 3 elements
		• Effects of water on oxides and hydroxides of period 3 elements • Chlorides of Period 3 elements • Effects of water on chlorides of periodic 3 elements • Deducing the position of an elements in the Periodic Table • Physical Properties of Group 2 elements • Reaction with Oxygen and Water • Physical Properties of Group 17 • Reaction of Group 17 elements • Disproportionation Reaction • Nitrogen Gas • Ammonia and Ammonium compounds • Nitrogen oxides in the atmosphere
SEPTEMBER 2026	• Introduction to Organic Chemistry • Hydrocarbons	• Representing organic molecules • Homologous series of organic compounds • Naming organic compounds • Bonding in organic compounds • Structural Isomerism • Stereoisomerism • Types of organic reactions and mechanism • Homologous groups of alkanes • Reaction of alkanes • The alkene • Oxidation of alkenes • Addition polymerisation • Questions practice
SEPTEMBER 2026	• Halogenoalkanes	• Making halogenoalkane • Nucleophilic Substitution Reaction • Mechanism of Reaction • Elimination Reaction

OCTOBER 2026	Alcohols, esters and carboxylic acids	- Homologous series of alcohols - Reaction of alcohols - Carboxylic Acids
--------------	---	---

NOVEMBER 2026	Carbonyl Compounds	- The homologous series of aldehydes and ketones - Preparation of aldehydes and ketones - Reduction of aldehydes and ketones - Nucleophilic addition with HCN
DECEMBER 2026	Mock Exam-1	Complete Syllabus
JANUARY 2027	Mock Exam-2	Complete Syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: MATHEMATICS SESSION: 2026-2027
NAME OF THE TEACHER: Ms. GEETA JOSHI

MONTH	UNIT	CONCEPTS
APRIL 2026	PURE MATHEMATICS Ch 1 QUADRATICS	1.1 Solving quadratic equations by factorisation 1.2 Completing the square 1.3 The quadratic formula 1.4 Solving simultaneous equations (one linear and one quadratic) 1.5 Solving more complex quadratic equations 1.6 Maximum and minimum values of a quadratic function 1.7 Solving quadratic inequalities 1.8 The number of roots of a quadratic equation 1.9 Intersection of a line and a quadratic curve

MAY 2026	PURE MATHEMATICS Ch 1 Quadratics Ch 2 FUNCTIONS	1.6 Maximum and minimum values of a quadratic function 1.7 Solving quadratic inequalities 1.8 The number of roots of a quadratic equation 1.9 Intersection of a line and a quadratic curve 2.1 Definition of a function 2.2 Composite functions 2.3 Inverse functions 2.4 The graph of a function and its inverse 2.5 Transformations of functions 2.6 Reflections 2.7 Stretches 2.8 Combined transformations
JULY 2026	PURE MATHEMATICS Ch 2 FUNCTIONS Ch 3 COORDINATE GEOMETRY	2.4 The graph of a function and its inverse 2.5 Transformations of functions 2.6 Reflections 2.7 Stretches 2.8 Combined transformations 3.1 Length of a line segment and midpoint 3.2 Parallel and perpendicular lines 3.3 Equations of straight lines 3.4 The equation of a circle 3.5 Problems involving intersections of lines and circles
AUGUST 2026	PURE MATHEMATICS Ch 4 CIRCULAR MEASURE	4.1 Radians 4.2 Length of an arc 4.3 Area of a sector

JULY 2026	PURE MATHEMATICS Ch 5 TRIGONOMETRY	5.1 Angles between 0° and 90° 5.2 The general definition of an angle 5.3 Trigonometric ratios of general angles 5.4 Graphs of trigonometric functions
JULY 2026	MECHANICS Ch 1 VELOCITY AND ACCELERATION	1.1 Displacement and velocity 1.2 Acceleration 1.3 Equations of constant acceleration

		1.4 Displacement–time graphs and multi-stage problems 1.5 Velocity–time graphs and multi-stage problems 1.6 Graphs with discontinuities
JULY 2026	MECHANICS Ch 2 FORCE AND MOTION IN ONE DIRECTION	2.1 Newton’s first law and relation between force and acceleration 2.2 Combinations of forces 2.3 Weight and motion due to gravity 2.4 Normal contact force and motion in a vertical line
AUGUST 2026	PURE MATHEMATICS Ch 5 TRIGONOMETRY Ch 6 SERIES	5.4 Inverse trigonometric functions 5.5 Trigonometric equations 5.6 Trigonometric identities 5.7 Further trigonometric equations 6.1 Binomial expansion of $(a + b)^n$ 6.2 Binomial coefficients 6.3 Arithmetic progressions 6.4 Geometric progressions 6.5 Infinite geometric series 6.6 Further arithmetic and geometric series

SEPTEMBER 2026	PURE MATHEMATICS Ch 7 DIFFERENTIATION	7.1 Derivatives and gradient functions 7.2 The chain rule 7.3 Tangents and normals 7.4 Second derivatives
SEPTEMBER 2026	PURE MATHEMATICS Ch 8 FURTHER DIFFERENTIATION	8.1 Increasing and decreasing functions 8.2 Stationary points 8.3 Practical maximum and minimum problems 8.4 Rates of change 8.5 Practical applications of connected rates of change
AUGUST 2026	MECHANICS Ch 3 FORCES IN TWO DIMENSIONS	3.1 Resolving forces in horizontal and vertical directions in equilibrium problems 3.2 Resolving forces at other angles in equilibrium problems 3.3 The triangle of forces and Lami's theorem for three-force equilibrium problems 3.4 Non-equilibrium problems for objects on slopes and known directions of acceleration 3.5 Non-equilibrium problems and finding resultant forces and directions of acceleration

AUGUST 2026	MECHANICS Ch 4 FRICTION	4.1 Friction as part of the contact force 4.2 Limit of friction 4.3 Change of direction of friction in different stages of motion 4.4 Angle of friction
AUGUST 2026	MECHANICS Ch 5 CONNECTED PARTICLES	5.1 Newton's third law 5.2 Objects connected by rods 5.3 Objects connected by strings 5.4 Objects in moving lifts

OCTOBER 2026	PURE MATHEMATICS Ch 9 INTEGRATION	9.1 Integration as the reverse of differentiation 9.2 Finding the constant of integration 9.3 Integration of expressions of the form $(a + b)^n$ 9.4 Further indefinite integration 9.5 Definite integration 9.6 Area under a curve 9.7 Area bounded by a curve and a line or by two curves 9.8 Improper integrals 9.9 Volumes of revolution
SEPTEMBER 2026	MECHANICS Ch 6 GENERAL MOTION IN A STRAIGHT LINE	6.1 Velocity as the derivative of displacement with respect to time 6.2 Acceleration as the derivative of velocity with respect to time 6.3 Displacement as the integral of velocity with respect to time 6.4 Velocity as the integral of acceleration with respect to time
SEPTEMBER 2026	MECHANICS Ch 7 MOMENTUM	7.1 Momentum 7.2 Collisions and conservation of momentum
SEPTEMBER 2026	MECHANICS Ch 8 WORK AND ENERGY	8.1 Work done by a force 8.2 Kinetic energy 8.3 Gravitational potential energy
SEPTEMBER 2026	MECHANICS Ch 9 THE WORK-ENERGY PRINCIPLE AND POWER	9.1 The work-energy principle 9.2 Conservation of energy in a system of conservative forces 9.3 Conservation of energy in a system with non-conservative forces 9.4 Power

OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus

JANUARY 2027	Mock -2 examination	complete syllabus
--------------	---------------------	-------------------

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OVERVIEW- AS LEVEL
SUBJECT: BIOLOGY SESSION: 2026-2027
NAME OF THE TEACHER: SARIKA AHUJA

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT-1 CELL STRUCTURE	1.1 Cells are the basic units of life 1.2 Cell biology and microscopy 1.3 Plant and animal cells as seen with a light microscope 1.4 Measuring size and calculating magnification 1.5 Electron microscopy 1.6 Plant and animal cells as seen with an electron microscope 1.7 Bacteria 1.8 Comparing prokaryotic cells with eukaryotic cells 1.9 Viruses

--	--	--

APRIL-MAY 2026	UNIT-2 BIOLOGICAL MOLECULES	2.1 Biochemistry 2.2 The building blocks of life 2.3 Monomers, polymers and macromolecules 2.4 Carbohydrates 2.5 Lipids 2.6 Proteins 2.7 Water
MAY 2026	UNIT-3 ENZYMES	3.1 What is an enzyme? 3.2 Mode of action of enzymes 3.3 Investigating the progress of an enzyme-catalysed reaction 3.4 Factors that affect enzyme action 3.5 Comparing Enzyme affinities 3.6 Enzyme inhibitors 3.7 Immobilizing enzymes
JULY 2026	UNIT-4 CELL MEMBRANES AND TRANSPORT	4.1 The importance of membranes 4.2 Structure of membranes 4.3 Roles of the molecules found in membranes 4.4 Cell signalling 4.5 Movement of substances across membranes
JULY 2026	UNIT-5 THE MITOTIC CELL CYCLE	5.1 Growth and reproduction 5.2 Chromosomes 5.3 The cell cycle 5.4 Mitosis 5.5 The role of telomeres 5.6 The role of stem cells 5.7 Cancers
JULY 2026	UNIT-6 NUCLEIC ACIDS AND PROTEIN SYNTHESIS	6.1 The molecule of life 6.2 The structure of DNA and RNA 6.3 DNA replication 6.4 The genetic code 6.5 Protein synthesis 6.6 Gene mutations

AUGUST 2026	UNIT-7 TRANSPORT IN PLANTS	7.1 The transport needs of plants 7.2 Vascular system: xylem and phloem 7.3 Structure of stems, roots and leaves and the distribution of xylem and phloem 7.4 The transport of water 7.5 Transport of assimilates
AUGUST 2026	UNIT-8 TRANSPORT IN MAMMALS	8.1 Transport systems in animals 8.2 The mammalian circulatory system 8.3 Blood vessels 8.4 Tissue fluid 8.5 Blood 8.6 The heart
SEPTEMBER 2026	UNIT-9 GAS EXCHANGE	9.1 Gas exchange 9.2 Lungs 9.3 Trachea, bronchi and bronchioles 9.4 Warming and cleaning the air 9.5 Alveoli
SEPTEMBER 2026	UNIT-10 INFECTIOUS DISEASES	10.1 Infectious diseases 10.2 Antibiotics
OCTOBER	UNIT-11 IMMUNITY	11.1 Defence against disease 11.2 Cells of the immune system 11.3 Active and passive immunity
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
NOVEMBER END/ DECEMBER 2026	Mock -1 examination	Complete syllabus

JANUARY 2027	Mock -2 examination	Complete syllabus
--------------	---------------------	-------------------

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: INFORMATION TECHNOLOGY SESSION: 2026-2027
NAME OF THE TEACHER: Ms. GARIMA RAJVANSHI

MONTH	UNIT	CONCEPTS
APRIL 2026	CHAPTER-1 DATA PROCESSING AND INFORMATION	• Data and information • Quality of information • Encryption • Checking the accuracy of data • Data processing
APRIL 2026	CHAPTER-11 SOUND AND VIDEO EDITING	• Sound and video editing
MAY 2026	CHAPTER-2 HARDWARE AND SOFTWARE	• Mainframe computers and supercomputers • System software • Utility software • Custom written software and off-the-shelf software • User interfaces
MAY 2026	CHAPTER-3 MONITORING AND CONTROL	• Monitoring technologies • Control technologies

JULY 2026	CHAPTER-8 SPREADSHEETS	• Create a spreadsheet • Test a spreadsheet • Use a spreadsheet • Automate operations with a spreadsheet Graphs and charts
AUGUST 2026	CHAPTER-4 ALGORITHMS AND FLOWCHARTS	• Edit a given algorithm • Write an algorithm using pseudocode to solve a given problem • Edit a given flowchart • Draw a flowchart to solve a given problem
AUGUST 2026	CHAPTER-5 E-SECURITY	• Personal data • Malware
SEPTEMBER 2026	CHAPTER-10 DATABASE AND FILE CONCEPTS	• Create a database • Normalisation to third normal form (3NF) • Data dictionary • Query selection • File and data management
OCTOBER 2026	CHAPTER-6 THE DIGITAL DIVIDE	• What the digital divide is? • Causes and effects of the digital divide • Reducing the effects of the digital divide
OCTOBER 2026	CHAPTER-9 MODELLING	• Modelling and simulations
OCTOBER 2026	CHAPTER-7 EXPERT SYSTEMS	• How expert systems are used to produce possible solutions for different scenarios

NOVEMBER 2026	Revision through past papers and doubt-clarifying sessions	All units will be recapitulated
NOVEMBER- DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: ECONOMICS SESSION: 2026-2027
NAME OF THE TEACHER: Ms. ANINDITA
BHATTACHARJEE

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT - 1	1.1 Scarcity, choice and opportunity cost 1.2 Economic methodology 1.3 Factors of production 1.4 Resource allocation in different economic systems 1.5 Production possibility curves 1.6 Classification of goods and services
MAY 2026	UNIT - 2	2.1 Demand and supply curves 2.2 Price elasticity, income elasticity and cross elasticity of demand 2.3 Price elasticity of supply 2.4 The interaction of demand and supply 2.5 Consumer and producer surplus
JULY 2026	UNIT - 3	3.1 Reasons for government intervention in markets 3.2 Methods and effects of government intervention in markets 3.3 Addressing income and wealth inequality

JULY 2026	Unit 4	4.1 National income statistics 4.2 Introduction to the circular flow of income
AUGUST 2026	UNIT - 4	4.3 Aggregate Demand and Aggregate Supply analysis 4.4 Economic growth 4.5 Unemployment 4.6 Price stability
AUGUST 2026	UNIT - 5	5.1 Government macroeconomic policy objectives 5.2 Fiscal policy 5.3 Monetary policy 5.4 Supply-side policy
SEPTEMBER 2026	Unit - 6	6.1 The reasons for international trade 6.2 Protectionism 6.3 Current account of the balance of payments 6.4 Exchange rates 6.5 Policies to correct imbalances in the current account of the balance of payments
OCTOBER 2026	Revision and Mid-term exams	All units.
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: ACCOUNTING SESSION: 2026-2027
NAME OF THE TEACHER: Dr. POOJA MATHUR

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT 1 THE ACCOUNTING SYSTEM	• Double-entry bookkeeping: Cash transactions • Double-entry bookkeeping: Credit transactions • Books of prime entry • Balancing accounts • The classification of accounts and • division of the ledger • The trial balance
MAY 2026	UNIT-2 FINANCIAL ACCOUNTING	• Statement of profit or loss • Statement of financial position for sole traders • Accounting concepts
		• Accruals and prepayments • Accounting for the depreciation of non-current assets • Irrecoverable debts

JULY 2026	UNIT-2 FINANCIAL ACCOUNTING	• Bank reconciliation statements • Control accounts • The correction of errors • Incomplete records
AUGUST 2026	UNIT-2 FINANCIAL ACCOUNTING	• Incomplete records: Further considerations • Partnership accounts • An introduction to limited company accounts • Limited companies: Further considerations • Computerised accounting systems • Accounting information for stakeholders
SEPTEMBER 2026	UNIT-3 COST AND MANAGEMENT ACCOUNTING	• Costing of materials and labour • Absorption costing • Unit, job and batch costing • Marginal costing
OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
FEBRUARY 2027	Mock -2 examination	complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: BUSINESS SESSION: 2026-2027
NAME OF THE TEACHER: Dr. Pooja Mathur

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT-1 BUSINESS AND ITS ENVIRONMENT	• Enterprise • Business structure • Size of Business
MAY 2026	UNIT-1 BUSINESS AND ITS ENVIRONMENT	• Business Objectives • Stakeholders in a business
MAY 2026	UNIT-2 HUMAN RESOURCE MANAGEMENT	• Human Resource Management

JULY 2026	UNIT-2 HUMAN RESOURCE MANAGEMENT	• Motivation • Management
JULY 2026	UNIT-3 MARKETING	• The Nature of Marketing • Marketing Research • The Marketing Mix-Product and price
AUGUST 2026	UNIT-3 MARKETING	• The Marketing Mix-Promotion and Place
AUGUST 2026	UNIT-4 OPERATIONS MANAGEMENT	• The Nature of Operations • Inventory Management • Capacity utilization and outsourcing
SEPTEMBER 2026	UNIT-5 FINANCE AND ACCOUNTING	• Business Finance • Forecasting and Managing Cash Flows • Costs • Budgets
OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated

DECEMBER 2026	Mock -1 examination	complete syllabus
FEBRUARY 2027	Mock -2 examination	complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: PSYCHOLOGY SESSION: 2026-2027
NAME OF THE TEACHER: Ms. VANYA CHADHA

MONTH	UNIT	CONCEPTS
APRIL 2026	Research Methods	• Introduction • Experiments
MAY 2026	Research Methods	• Self-reports • Case studies • Observations • Correlations
JULY 2026	Research Methods	• Longitudinal studies • The definition, manipulation, measurement and control of variables • Sampling of participants • Data and data analysis • Ethical considerations • Evaluating research: methodological issues
	Biological approach	• Introduction • Core study 1: Dement and Kleitman (sleep and dreams)

AUGUST 2026	Biological approach Cognitive approach	• Core study 2: Hassett et al. (monkey toy preferences) • Core study 3: Holzel et al. (mindfulness and brain scans) • Introduction • Core study 1: Andrade (doodling)
SEPTEMBER 2026	Cognitive approach Learning approach	• Core study 2: Baron-Cohen et al. (Eyes test) • Core study 3: Pozzulo et al. (line-ups) • Introduction • Core study 1: Bandura et al. (aggression) • Core study 2: Fagen et al. (elephant learning)
OCTOBER 2026	Learning approach Social approach	• Core study 3: Saavedra and Silverman. (button phobia) • Introduction • Core study 1: Milgram (obedience) • Core study 2: Perry et al. (personal space) • Core study 3: Piliavin et al. (subway Samaritans)
NOVEMBER 2026	Revision and Past paper practise	• All units

NOVEMBER END/DECEMBER 2026	Mock-1 Examination	Complete syllabus
JANUARY 2027	Mock -2 examination	Complete syllabus

KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - AS LEVEL
SUBJECT: PROFILE BUILDING SESSION: 2026-2027
NAME OF THE TEACHER: Ms. VANYA CHADHA

MONTH	UNIT	CONCEPTS
APRIL & MAY 2026	Navigating Career path & Significance of Career counselling	• Understanding the career path • Significance of career guidance and counselling in building a suitable profile
JULY 2026	Building an Extraordinary University Profile	• Setting Profile-Building Goals • Developing Academic Excellence Beyond the Classroom • Choosing Meaningful Extracurricular Activities • Documenting Achievements and Maintaining a Portfolio

AUGUST 2026	Exploring University Pathway	• Navigating the desired courses • Significant aspects of University application both in India & Abroad • Introduction to Popular Application Portals • Creation of Prelim Course-specific Prospective Universities List
SEPTEMBER 2026	Personal Essay & Statement of Purpose	• Purpose of the Personal Essay (holistic admissions narrative) vs SOP (academic and career-focused intent) • Understanding what universities look for: motivation, clarity, authenticity, and fit • Structuring a compelling narrative: introduction, journey, reflection, and future goals
OCTOBER 2026	Understanding and Avoiding Common Profile-Building Mistakes and Myths	• Understanding Common mistakes & myths • Avoiding quantity over quality mindset • Correcting misconceptions about “ideal profiles” • Shifting from listing to reflecting
NOVEMBER 2026	Profile Evaluation & Enhancement Planning	• Conduction of holistic review of the students’ profile to assess overall strength, consistency and alignment with university goals • Identifying the gaps and developing a structured plan with clear priorities and measurable goals to strengthen the profile for university applications

NOVEMBER END/ DECEMBER 2026	Mock-1 Examination	Mock-1 Examination
JANUARY 2027	Mock-2 Examination	Mock-2 Examination



KOTHARI INTERNATIONAL SCHOOL, NOIDA
CURRICULUM OUTLINE - A LEVEL
SESSION: 2026-2027



Subject – English General Paper
Teacher Name- Ms. Anindya

MONTH	UNIT	CONCEPTS
APRIL 2026	Essential Language Skills	● Use of English ● Parts of Speech that add detail ● Essential parts of speech ● Adding complexity to your writing ● Reviewing, editing and revising
MAY 2026	Skills Review and further study	● Review and reflect on what you have learnt about writing essays and reading comprehension ● How to choose essay question ● Generating and organizing ideas ● Maintaining focus; Supporting the points you make; Expressing ideas and developing style ● Reading critically and actively ● Using hints; Key words and tips for responding; Following word limit.
JULY 2026	Revisiting Paper 1 - Essay	● Discursive Essay ● Organize ideas using discursive approach ● Draw interim conclusions ● Identifying common errors PREPOSITIONAL , ADJECTIVAL, ADVERBIAL PHRASES DESCRIPTIVE PARTS OF SPEECH PUNCTUATION

AUGUST 2026	Revisiting Paper 1 - Essay	● Argumentative Essay ● how to appeal to an audience ● Key elements of argumentative writing; ● Develop a well reason argument; Strategies for evaluating credibility
SEPTEMBER 2026	Revisiting Paper 2 - Comprehension	● Review and reflect on what you have learnt about writing essays and reading comprehension ; Reading critically and actively; Using hints; Key words and tips for responding; Following word limit
OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER END/ DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

Subject – English Language
Teacher Name- Ms. Ankita

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT- 9 English in the world	1. English in the world: a global language? 2. The status of English 3. Whose English is it anyway? 4. Varieties of English 5. British and American English 6. Language dominance and language death
MAY 2026	UNIT- 9 Self and Identity	1. Language and self-identity 2. Theories of language and self-identity 3. Language and thought 4. Language and social identity

JULY 2026	UNIT- 9 Self and Identity	1. Teenage and gender group identity 2. The language of inclusion and exclusion 3. Speech sounds and accents
AUGUST 2026	Section 7 Language change	1. How has English changed? 2. How language changes 3. Language change in the digital world
AUGUST 2026	Section 7 Language change	1. Collecting and analysing data 2. Measuring language change 3. Theories of language change
SEPTEMBER 2026	Section 8 Child language acquisition	1. The main stages of early language development 2. Language development from five to eight years 3. The functions of children's language 4. Theories of language acquisition
SEPTEMBER 2026	Section 8 Child language acquisition	1. Features of spoken language 2. Conversational interaction 3. Transcribing speech
OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus

JANUARY 2027	Mock -2 examination	complete syllabus
--------------	---------------------	-------------------

Subject – Mathematics

MONTH	UNIT	CONCEPTS
-------	------	----------

APRIL 2026	PURE MATHEMATICS (Ch 1 ALGEBRA)	1.1 The modulus function 1.2 Graphs of $y = f(x)$, x where $f(x)$ is linear 1.3 Solving modulus inequalities 1.4 Division of polynomials 1.5 The factor theorem 1.6 The remainder theorem
APRIL 2026	PURE MATHEMATICS (Ch 7 Further Algebra)	7.1 Improper algebraic fractions 7.2 Partial fractions 7.3 Binomial expansion of $(1 + x)^n$ for values of n that are not positive integers 7.4 Binomial expansion of $(1 + ax)^n$ for values of n that are not positive integers 7.5 Partial fractions and binomial expansions
APRIL 2026	STATISTICS (Ch 1 REPRESENTATION OF DATA)	1.1 Types of data 1.2 Representation of discrete data: stem-and-leaf diagrams 1.3 Representation of continuous data: histograms 1.4 Representation of continuous data: cumulative frequency graphs 1.5 Comparing different data representations
APRIL 2026	STATISTICS (Ch 2 MEASURES OF CENTRAL TENDENCY)	2.1 The mode and the modal class 2.2 The mean 2.3 The median

MAY 2026	PURE MATHEMATICS (Ch 2 LOGARITHMIC AND EXPONENTIAL FUNCTIONS)	2.1 Logarithms to base 10 2.2 Logarithms to base a 2.3 The laws of logarithms 2.4 Solving logarithmic equations 2.5 Solving exponential equations 2.6 Solving exponential inequalities 2.7 Natural logarithms 2.8 Transforming a relationship to linear form
MAY 2026	STATISTICS (Ch 3 MEASURES OF VARIATION)	3.1 The range 3.2 The interquartile range and percentiles 3.3 Variance and standard deviation
JULY 2026	PURE MATHEMATICS (Ch 3 TRIGONOMETRY)	3.1 The cosecant, secant and cotangent ratios 3.2 Compound angle formulae 3.3 Double angle formulae 3.4 Further trigonometric identities 3.5 Expressing $a \sin \theta + b \cos \theta$ in the form $R \sin(\theta \pm \alpha)$ or $R \cos(\theta \pm \alpha)$

JULY 2026	PURE MATHEMATICS (Ch 4 DIFFERENTIATION)	4.1 The product rule 4.2 The quotient rule 4.3 Derivatives of exponential functions 4.4 Derivatives of natural logarithmic functions 4.5 Derivatives of trigonometric functions 4.6 Implicit differentiation 4.7 Parametric differentiation
-----------	---	---

JULY 2026	STATISTICS (Ch 4 PROBABILITY)	4.1 Experiments, events and outcomes 4.2 Mutually exclusive events and the addition law 4.3 Independent events and the multiplication law 4.4 Conditional probability 4.5 Dependent events and conditional probability
JULY 2026	STATISTICS (Ch 5 PERMUTATIONS AND COMBINATIONS)	5.1 The factorial function 5.2 Permutations 5.3 Combinations 5.4 Problem solving with permutations and combinations
JULY 2026	PURE MATHEMATICS (Ch 5 INTEGRATION)	5.1 Integration of exponential functions 5.2 Integration of $1/(ax + b)$ 5.3 Integration of $\sin(ax + b)$, $\cos(ax + b)$ and $\sec^2(ax + b)$ 5.4 Further integration of trigonometric functions 5.5 The trapezium rule

AUGUST 2026	PURE MATHEMATICS (Ch 8 FURTHER CALCULUS)	8.1 Derivative of $\tan^{-1}x$ 8.2 Integration of $1/(x^2 + a^2)$ 8.3 Integration of $k f'(x)/f(x)$ 8.4 Integration by substitution 8.5 The use of partial fractions in integration 8.6 Integration by parts 8.7 Further integration
AUGUST 2026	PURE MATHEMATICS (Ch 6 NUMERICAL SOLUTIONS OF EQUATIONS)	6.1 Finding a starting point 6.2 Improving your solution 6.3 Using iterative processes to solve problems involving other areas of mathematics

AUGUST 2026	PURE MATHEMATICS (Ch 9 VECTORS)	9.1 Displacement or translation vectors 9.2 Position vectors 9.3 The scalar product 9.4 The vector equation of a line 9.5 Intersection of two lines
AUGUST 2026	STATISTICS (Ch 6 PROBABILITY DISTRIBUTION)	6.1 Discrete random variables 6.2 Probability distributions 6.3 Expectation and variance of a discrete random variable

SEPTEMBER 2026	PURE MATHEMATICS (Ch 10 DIFFERENTIAL EQUATIONS)	10.1 The technique of separating the variables 10.2 Forming a differential equation from a problem
SEPTEMBER 2026	PURE MATHEMATICS (Ch 11 COMPLEX NUMBERS)	11.1 Imaginary numbers 11.2 Complex numbers 11.3 The complex plane 11.4 Solving equations 11.5 Loci
SEPTEMBER 2026	STATISTICS (Ch 7 THE BINOMIAL AND GEOMETRIC DISTRIBUTIONS)	7.1 The binomial distribution 7.2 The geometric distribution
SEPTEMBER 2026	STATISTICS (Ch 8 THE NORMAL DISTRIBUTION)	8.1 Continuous random variables 8.2 The normal distribution 8.3 Modelling with the normal distribution 8.4 The normal approximation to the binomial distribution
OCTOBER 2026	Revision and Mid-term exams	All units

NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

Subject – Physics
Teacher Name- Mr. Vipin Kumar

MONTH	UNIT	CONCEPTS
-------	------	----------

APRIL 2026	UNIT 12 - MOTION IN A CIRCLE UNIT 13 - GRAVITATION	12.1 Kinematics of uniform circular motion 12.2 Centripetal acceleration 13.1 Gravitational field 13.2 Gravitational force between point masses 13.3 Gravitational field of a point mass 13.4 Gravitational potential
MAY 2026	UNIT 14 - TEMPERATURE UNIT 15 - IDEAL GASES UNIT 16 - THERMODYNAMICS	14.1 Thermal equilibrium 14.2 Temperature scales 14.3 Specific heat capacity and specific latent heat 15.1 The mole 15.2 Equation of state 15.3 Kinetic theory of gases 16.1 Internal energy 16.2 The first law of thermodynamics

AUGUST 2026	UNIT 21 - ALTERNATING CURRENTS UNIT 22 - QUANTUM PHYSICS	21.1 Characteristics of alternating currents 21.2 Rectification and smoothing 22.1 Energy and momentum of a photon 22.2 Photoelectric effect 22.3 Wave-particle duality 22.4 Energy levels in atoms and line spectra
SEPTEMBER 2026	UNIT 23 - NUCLEAR PHYSICS UNIT 24 - MEDICAL PHYSICS UNIT 25 - ASTRONOMY AND COSMOLOGY	23.1 Mass defect and nuclear binding energy 23.2 Radioactive decay 24.1 Production and use of ultrasound 24.2 Production and use of X-rays 24.3 PET scanning 25.1 Standard candles 25.2 Stellar radii 25.3 Hubble's law and the Big Bang theory
OCTOBER 2026	Revision	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
NOVEMBER/DECEMBER 2026	Mock -1 examination	complete syllabus

JANUARY 2027	Mock -2 examination	complete syllabus
--------------	---------------------	-------------------

Subject - Chemistry
Teacher Name- Ms. Vrinda Ahuja

MONTH	UNIT	CONCEPTS
APRIL 2026	• Atomic Structure • Electrons in Atom	• Elements and atoms • Inside the Atom • Numbers of nucleons • Simple electronic structure • Evidence for electronic structure • Sub-shells and atomic orbitals • Electronic configurations • Periodic patterns of atomic and ionic radii • Patterns in ionisation energies in the periodic Table

MAY 2026	• Atoms, Molecules and Stoichiometry • Redox Reaction	• Masses of atoms and molecules • Hydrated and anhydrous compounds • Accurate relative atomic masses • Amount of substance • Mole calculations • Chemical formulae and chemical equations • Solutions and concentrations • Calculations involving gas volumes • What is a redox Reaction? • Oxidation Number • Applying the Oxidation Number Rules • Redox and Oxidation Number • Oxidising and Reducing agents • Naming Compounds
----------	--	---

JULY 2026	• Rates of Reaction • Chemical Bonding	• From name to formula • Balancing chemical equations using oxidation numbers • Disproportionation • Rates of Reaction • Catalysis • The effect of concentration on rate of reaction • The effect on temperature on rate of reaction • Types of chemical bonding • Ionic Bonding • Covalent Bonding • Shapes of Molecules • Sigma and Pi Bonds • Metallic Bonding
-----------	---	---

JULY 2026	• Chemical Bonding • Enthalpy Changes	• Intermolecular Forces • Hydrogen Bonding • Bonding and physical properties • Intermolecular Forces • Hydrogen Bonding • Bonding and physical properties • What are enthalpy changes • Standard enthalpy changes • Measuring enthalpy changes • Hess's law • Bond energies and enthalpy changes • Calculating enthalpy changes using bond
AUGUST 2026	• Equilibria • Periodicity • Group 17 • Nitrogen and Sulfur	• Reversible reactions and equilibrium • Changing the positions of equilibrium • Equilibrium expressions and the equilibrium constant, K_c • Equilibria in gas reaction :the Equilibrium constant, K_c • Equilibria and the chemical industry • Acid-Base equilibria • Indicators and acid-base titrations

		• Structure of Periodic Table • Periodicity of physical properties • Periodicity of chemical properties • Oxides of Period 3 elements
--	--	--

		• Effects of water on oxides and hydroxides of period 3 elements • Chlorides of Period 3 elements • Effects of water on chlorides of periodic 3 elements • - Deducing the position of an elements in the Periodic Table • Physical Properties of Group 2 elements • Reaction with Oxygen and Water • Physical Properties of Group 17 • Reaction of Group 17 elements • Disproportionation Reaction • Nitrogen Gas • Ammonia and Ammonium compounds • Nitrogen oxides in the atmosphere
--	--	---

SEPTEMBER 2026	• Introduction to Organic Chemistry • Hydrocarbons	• Representing organic molecules • Homologous series of organic compounds • Naming organic compounds • Bonding in organic compounds • Structural Isomerism • Stereoisomerism • Types of organic reactions and mechanism • Homologous groups of alkanes • Reaction of alkanes • The alkene • Oxidation of alkenes • Addition polymerisation • Questions practice
SEPTEMBER 2026	• Halogenoalkanes	• Making halogenoalkane • Nucleophilic Substitution Reaction • Mechanism of Reaction • Elimination Reaction

OCTOBER 2026	• Alcohols, esters and carboxylic acids	• Homologous series of alcohols • Reaction of alcohols • Carboxylic Acids
--------------	--	---

NOVEMBER 2026	• Carbonyl Compounds	• The homologous series of aldehydes and ketones • Preparation of aldehydes and ketones • Reduction of aldehydes and ketones • Nucleophilic addition with HCN
NOVEMBER/DECEMBER 2026	• Mock Exam-1	Complete Syllabus
JANUARY 2027	• Mock Exam-2	Complete Syllabus

Subject - Biology
Teacher Name- Ms. Sarika Ahuja

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT-12 ENERGY AND RESPIRATION	12.1 The need for energy in living organisms 12.2 Aerobic respiration 12.3 Mitochondrial structure and function 12.4 Respiration without oxygen 12.5 Respiratory substrates

AUGUST 2026	UNIT-16 INHERITANCE & UNIT-17 SELECTION AND EVOLUTION	16.1 Gametes and reproduction 16.2 The production of genetic variation 16.3 Genetics 16.4 Monohybrid inheritance and genetic diagrams 16.5 Dihybrid inheritance 16.6 The chi-squared (χ^2) test 16.7 Genes, proteins and phenotype 16.8 Control of gene expression 17.1 Variation 17.2 Natural selection 17.3 Genetic drift and the founder effect 17.4 The Hardy–Weinberg principle 17.5 Artificial selection 17.6 Evolution 17.7 Identifying evolutionary relationships
SEPTEMBER 2026	UNIT-18 CLASSIFICATION, BIODIVERSITY AND CONSERVATION & UNIT-19 GENETIC TECHNOLOGY	18.1 Classification 18.2 Biodiversity 18.3 Maintaining biodiversity 18.4 Protecting endangered species 18.5 Controlling alien species 18.6 International conservation organizations 19.1 Genetic engineering

		19.2 Tools for the gene technologist 19.3 Gene editing 19.4 Separating and amplifying DNA 19.5 Analyzing and storing genetic information 19.6 Genetic technology and medicine 19.7 Genetic technology and agriculture
--	--	--

OCTOBER 2026	Revision	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
NOVEMBER END/ DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2027	Mock -2 examination	complete syllabus

Subject – Business
Teacher Name- Dr. Pooja Mathur

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT-1 BUSINESS AND ITS ENVIRONMENT	• External Influences on Business Activity

		• External Economic Influences on Business Activity • Business strategy
MAY 2026	UNIT-1 BUSINESS AND ITS ENVIRONMENT	• Corporate Planning and Implementation
MAY 2026	UNIT-2 HUMAN RESOURCE MANAGEMENT	• Organisational Structure • Business Communication
JULY 2026	UNIT-2 HUMAN RESOURCE MANAGEMENT	• Leadership • Human resource Management Strategy
JULY 2026	UNIT-3 MARKETING	• Marketing Analysis
AUGUST 2026	UNIT-3 MARKETING	• Marketing Strategy

AUGUST 2026	UNIT-4 OPERATIONS MANAGEMENT	• Location and Scale • Quality Management • Operations Strategy
SEPTEMBER 2026	UNIT-5 FINANCE AND ACCOUNTING	• Financial Statements • Analysis of Published Accounts • Investment Appraisal • Finance and Accounting Strategy
OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
FEBRUARY 2026	Mock -2 examination	complete syllabus

Subject - Accounting
Teacher Name- Dr. Pooja Mathur

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT 2 FINANCIAL ACCOUNTING	• Partnership changes • Manufacturing accounts • Non-Profit Making Organisations
MAY 2026	UNIT-2 FINANCIAL ACCOUNTING	• Statement of cash flows • Auditing and stewardship

JULY 2026	UNIT-2 FINANCIAL ACCOUNTING	• International Accounting Standards • Business Acquisition and Merger • Ethics and the Accountant
AUGUST 2026	UNIT-2 FINANCIAL ACCOUNTING	• Analysis and communication of Accounting Information
AUGUST 2026	UNIT-3 COST AND MANAGEMENT ACCOUNTING	• ABC Costing
SEPTEMBER 2026	UNIT-3 COST AND MANAGEMENT ACCOUNTING	• Budgeting and Budgetary Control • Standard costing • Investment appraisal
OCTOBER 2026	Revision and Mid-term exams	All units
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated

DECEMBER 2026	Mock -1 examination	complete syllabus
FEBRUARY 2027	Mock -2 examination	complete syllabus

Subject- Economics
Teacher Name- Anindita Bhattacharjee

MONTH	UNIT	CONCEPTS
APRIL 2026	UNIT - 7	7.1 Utility 7.2 Indifference curves and budget lines 7.3 Efficiency and market failure 7.4 Private costs and benefits, externalities and social costs and benefits 7.5 Types of cost, revenue and profit, short-run and long-run production 7.6 Different market structures 7.7 Growth and survival of firms 7.8 Differing objectives and policies of firms

MAY 2026	UNIT - 8	8.1 Government policies to achieve efficient resource allocation and correct market failure 8.2 Equity and redistribution of income and wealth 8.3 Labour market forces and government intervention
JULY 2026	UNIT - 9	9.1 The circular flow of income 9.2 Economic growth and sustainability 9.3 Employment/unemployment 9.4 Money and banking

AUGUST 2026	UNIT - 10	10.1 Government macroeconomic policy objectives 10.2 Links between macroeconomic problems and their interrelatedness 10.3 Effectiveness of policy options to meet all macroeconomic objectives
SEPTEMBER 2026	UNIT - 11	11.1 Policies to correct disequilibrium in the balance of payments 11.2 Exchange rates 11.3 Economic development 11.4 Characteristics of countries at different levels of development 11.5 Relationship between countries at different levels of development 11.6 Globalisation

OCTOBER 2026	Revision and Mid-term exams	JANUARY 2026
NOVEMBER 2026	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2026	Mock -2 examination	complete syllabus

Subject – Information Technology
Teacher Name- Ms. Garima Rajvanshi

MONTH	UNIT	CONCEPTS
-------	------	----------

APRIL 2026	CHAPTER 14 COMMUNICATION TECHNOLOGY	• Networks • Components in a network • Network servers • Cloud computing • Data transmission across • Network • Network protocols • Wireless technology • Wireless communication system • Network security • Disaster recovery management
MAY 2026	CHAPTER 17 MAIL MERGE	• Mail merge

MAY 2026	CHAPTER 12 IT IN SOCIETY	• Digital currencies • Data mining • Social networking services/platforms • The impact of IT • Technology enhanced learning
----------	-----------------------------	---

JULY 2026	CHAPTER 20 PROGRAMMING FOR THE WEB	• Add interactivity to web pages • Change HTML content • Change HTML styles • Show/Hide HTML elements • Display data in different ways • React to common HTML Events • Provide user interaction • Create statements • Use JavaScript loopsfor iterative methods • Create functions • Use JavaScript timing events • Add comments to annotate and explain code • The structure and syntax ofJavaScript code • A range of object-based JavaScript programming techniques and terms
-----------	---------------------------------------	--

AUGUST 2026	CHAPTER-13 NEW AND EMERGING TECHNOLOGIES	• Types of emerging technologies • Impact of new and emerging technologies
AUGUST 2026	CHAPTER-18 GRAPHICS CREATION	• Common graphics skills • Vector graphics • Bitmap images • Compression • Text

SEPTEMBER 2026	CHAPTER-19 ANIMATION	• Configure the stage/frame/canvas for an animation • Import and create Vector objects • Control object properties • Use Inbetweening (‘Tweening’) tools • Set paths • Use layers • Apply masks • The basic principles of animation • Different animation types and methods • The use of animation variables when creating animations
OCTOBER 2026	CHAPTER-15 PROJECT MANAGEMENT	• The stages of the project life cycle • Project management software • Tools and techniques for project management tasks

OCTOBER 2026	CHAPTER-16 SYSTEM LIFE CYCLE	• The stages in the system life cycle • Analysis • Design • Development and testing • Implementation • Documentation • Evaluation • Maintenance • Prototyping
--------------	--	---

		• Methods of software development
NOVEMBER 2026	Revision through past papers and doubt-clarifying sessions	All units will be recapitulated
NOVEMBER -DECEMBER 2026	Mock -1 examination	complete syllabus
JANUARY 2026	Mock -2 examination	complete syllabus

Subject - Psychology
Teacher Name- Ms. Vanya Chadha

MONTH	UNIT	CONCEPTS
--------------	-------------	-----------------

APRIL 2025	CONSUMER PSYCHOLOGY	• Introduction • The Physical Environment • The Psychological Environment
MAY 2025	CONSUMER PSYCHOLOGY	• Consumer Decision Making • The Product • Advertising
JULY 2025	CLINICAL PSYCHOLOGY	• Introduction • Schizophrenia • Mood (affective) disorders, depressive disorder (unipolar) Bipolar Disorder • Impulse Control Disorders • Anxiety Disorders and fear-related disorders • Obsessive-Compulsive Disorders

AUGUST 2025	ORGANISATIONAL PSYCHOLOGY	• Introduction • Motivation to Work • Leadership and Management • Group Behaviour in Organizations • Organisational work conditions • Satisfaction at Work
SEPTEMBER 2025	Revision	All units
OCTOBER 2025	Revision and Mid-term Exams	All units
NOVEMBER 2025	Revision through past papers and doubt clarifying sessions	All units will be recapitulated
DECEMBER 2025	Mock -1 Examination	Complete syllabus

JANUARY 2026	Mock -2 Examination	Complete syllabus
--------------	---------------------	-------------------

Subject – Profile Building
Teacher Name- Ms. Vanya Chadha

MONTH	UNIT	CONCEPTS
APRIL 2026	PROFILE BUILDING	• Aspects of Profile building • Significance of Profile building in academic journey • Creation of Personal portfolio

MAY 2026	EXPLORING PROSPECTIVE COURSES & UNIVERSITIES	• Creation of detailed Course-specific Prospective Universities List • Elements of University Application • Exploration of Popular University portals
JULY 2026	PERSONAL ESSAY & STATEMENT OF PURPOSE	• Introduction to Personal Essay & Statement of Purpose • Tips & Strategies for Creating a suitable personal essay and Statement of Purpose
AUGUST 2026	PATHWAY TO UNIVERSITY	• Detailed working on Course specific Universities list & Pathway • Planning the way forward with University Applications & the relevant documentation

SEPTEMBER 2026	MANAGING EXAMINATION STRESS	• Meaning of Examination Stress • Distinguishing the stressors • Techniques for managing Examination stress in academic journey
----------------	------------------------------------	---

OCTOBER 2026	MID-TERM EXAMS	MID-TERM EXAMS
NOVEMBER 2026	TIME-MANAGEMENT	• Significance of time-management in academic journey • Techniques for Managing time
DECEMBER 2026	MOCK -1 EXAMINATION	MOCK -1 EXAMINATION
JANUARY 2027	MOCK -2 EXAMINATION	MOCK -2 EXAMINATION