

Syllabus 2018-19	
Grade: 9 CIE	
Subject & Text Used	
Subject and Text Books used	
Maths	Algebraic Representation and Manipulation
Mathematics Core and extended Third Edition :Ric Pimentel and Terry wall	Functions
Hodder publication	Indices
	Trigonometry
	Vectors
	Angle Properties
	Handling data
	Geometrical relationship
	Mensuration
English	Reading Skills and Scanning
Marian Cox Cambridge IGCSE First Language English Cousebook Fourth Edition	Note Making and Summary
	Journal Entry, Diary Entry
	Letter - Informal and Formal Letter
	Descriptive Writing,
	Writers Effects,
	Narrative Writing
	News Report
	Informative and Persuasive Writing
	Account
	Interview
	Dialogue or Conversation
	Leaflet, Advertisements
	Role Play,Debate
	Speech, Article
	Encyclopedia Entry
	Vocabulary and Punctuation
Physics	Matter and Measurement
	Motion and energy
	Forces and resources
	Light and sight
	Waves and sound
	Heat and energy

Chemistry	2 The nature of matter
	3 Elements and compounds
	4 Chemical Reactions
	5 Acids base
	6 Quantitative chemistry
	1 Planet Earth
	7 how far how fast
Biology	1. Characteristics and classification of living organisms
Cambridge IGCSE Biology -Third edition	2. Organisation of the organism
D. G Mackean , Dave Hayward	3. Movement in and out of cells
ISBN: 9781471837982	4. Plant nutrition
	5. Transport in plants
	6. Human nutrition
	7. Transport in Animals
	8. Respiration
	9. Gas Exchange in humans
	10. Enzymes
	11. Co-ordination and response
	12. Excretion in humans
	13. Drugs
	14. Diseases and immunity
Sociology	Research
Sociology by Jonathan Blundell	Culture and Sociolisation
ISBN : 9781107645134	Class
	Family
	Education
Accounting	Introduction to accounting
Cambridge IGCSE	Double entry book keeping - Part A & B
Accounting	The trial Balance
Catherine Coucom	Petty Cash Book
	Business Document
	Books of prime entry
	Financial Statements - Part A & B
	Accounting Rules
	Other Payables & Other Receivables
	Depreciation & Disposal of Non current Assets
	Bad Debts & Provisions for Doubtful debts

Hindi	1 Comprehension questions based on passage
Bhasha-Tarani	2 Form-filling up , 3 Short notes
ISBN 81-7335-358-1	4 True/false questions based on comprehension passage
	5 Summary writing
	6 Letter , Essay , Speech (any one)
	7 Listening Practices
French	Unite 1 - C'est la rentree
	Unite 2 - On se detend
	Unite 3 - La ou j'habite
	Unite 4 - Bien manger pour etre en forme
	Unite 5 - On sort
	Unite 6 - On prepare les vacances
	Unite 7 - On arrive en France
ICT	1. Types and components of computer systems
IGCSE Information and Communication Technology (ICT) (second edition) by Graham Brown and David Watson ISBN:978-1-471-83795-1	
	2. Input and Output devices
	3. Storage devices and media
	4. Presentation software
	5. Document Production
	6. Communication
	1. Datatypes
	2. Data Manipulation
	3. Integration and Output data
	4. Data Analysis
	5. The effects of using ICT

Food And Nutrition	1.Introduction to Food and Nutrition
Anita Tull	2. The nutrients-Proteins ,carbihydrates,fats,vitamins and minerals-sources,availability,digestion and absorption
ISBN:9780198327660	3. Providing food for different needs-Meal planning and dietary guidelines
	4. Foods and food science-Food production,processing,additives,raising agents,convinience foods,food packaging
	5. Practical Food Preperation-Principles behind cooking of food-methods of cooking,food spoilage and preservation
	6. Food presentation,food preperation for assignments,commercial restaurants
	7. Kitchen planning and equipments,Safety and Simple first aid
Art & Design	Art & Design Basics Art History and Movements Painting & Related Media
	PhotographyCoursework ExercisePromotional Exam
EM	Lithosphere (including unit 1.4 Alternate energy sources and other conservation strategies)
	Lithosphere (contd)
	Hydrosphere
Travel and Tourism	Nature and characteristics of the Travel & Tourism industry
Cambridge IGCSE Travel & Tourism John D Smith, Fiona Warburton ISBN : 9780521149228	Features of worldwide destinations
	Customer service in the Tourism industry
Business Studies	
KAREN BORRINGTON	Business Activity
&	Classification of businesses
PETER STIMPSON	Enterprise, Business growth and size
	Types of business organisation
	Business Objectives and Stakeholders
	Motivating Workers
	Organisation and Mangement
	Recruitment, Selection and training of workers
	Internal and External Communication
	Marketing,competition and the constomer
	Marketing research
	The Marketing mix:product
	The Marketing mix:price
	The Marketing mix:promotion and technology in marketing
	The Marketing mix: place
	Marketing strategy
Economics	1 The basic economic problem
Complete Economics for IGCSEand o level	2 Allocation of resources

Sir Dan Moynihan and Brian Titely	3 Money and finance
ISBN978-0-19-912958-4	4 Trade union
	1 Occupation and earnings
	2 The individual as a producer consumer and borrower
	3 The private firm as producer and employer
	4 Organisation of production 5 The growth of firms 6 Competition
Combined Science Physics	Speed, Velocity, Acceleration
	Mass, Weight, Density, Forces
	Energy, Work, Power
	Simple Kinetic Molecular Model of Atom
	Thermal properties
	Transfer of Thermal Energy
	General Wave properties
Combined Science- Chemistry	The nature of matter, experimental techniques
	atoms, elements and compounds
	Stoichiometry, electricity and chemistry, energy change and Chemical reactions
	classification of elements and periodicity in their properties
	Metals
	Acids bases and salts
	organic chemistry
	Air and water
Combined Science-Biology	1. Characteristics of living organisms
	2. Cells
Cambridge IGCSE® Combined and Co-ordinated Sciences	3. Enzymes
Mary Jones, Richard Harwood, Ian Lodge, David Sang	4. Plant nutrition
ISBN: 9781316631010	5. Animal Nutrition
	6. Gas exchange and respiration
	7. Transport

Syllabus 2018-19	
Grade: 10 CIE	
Subject and Text Books used	
Maths	Linear Programming
Mathematics Core and extended Third Edition :Ric Pimentel and Terry wall	Matrices
	Straight line graphs
	Vectors
	Symmetry
	Transformation
	Probability
	Similarity
	Numbers
	Shape and Space :Locs
English	Summary Writing Notemaking
Marian Cox Cambridge IGCSE First Language English Cousebook Fourth Edition	Narrative and Descriptive
	Writers Effects
	Speech and Debate
	Encyclopedia Entry
	Journal and Account
	Leaflet and Advertisement
	Report
	Article
	Conversations and Dialogues
	Interview
	Letter Writing
	Argumentative and Discursive
	Writers Effects/ Revision

Physics	Electricity and magnetism
	Electronics
	Electromagnetic effects
	Electrons and atoms
Chemistry	
	Industrial inorganic chemistry
	Reactivity of metals
	Organic chemistry
	Petrochemical and polymers
	chemical analysis and investigation
Biology	1. Biological molecules
Cambridge IGCSE Biology -Third edition	2. Reproduction
D. G Mackean , Dave Hayward	3. Inheritance
ISBN: 9781471837982	4. Variation and Selection
	5. Biotechnology and genetic engineering
	6. Organisms and their Environment
	7. Human influences on Ecosystem
Sociology	Crime
Sociology by Jonathan Blundell	Media
ISBN 9781107645134	Revision
Accounting	Bank recociliation Statement
	Journal Entries and Correction of Errors
	Control Accounts
	Incomplete Records
Accounting-	Accounts Clubs and societies
Cambridge IGCSE	Partnership Accounts
Catherine Coucom	Accounts of Manufacturing Business
	Limited Company Accounts
	Analysis and interpretation

Hindi	
Bhasha-tarani	1 Comprehension passage
	2 Form filling up
	3 Short Notes based on passage
	4 Practice of past papers n Listening Practices
	5 Summary writing
	6 True/False questions based on passage
	7 Essay , Speech , Letter
	8 Listening Practices
French	Unite 8 - le shopping
	Unite 9 - On a des problemes
	Unite 10 - Tu t'entend bien avec eux?
	Unite 11 - Le travail et l'argent
	Unite 12 - Notre environnement
	Unite 13 - La vie n'est pas toujours rose
	Unite 14 - Mon monde et moi
	Unite 15 - Projets d'avenir
ICT	1. The effect of using ICT
IGCSE Information and Communication Technology (ICT) (second edition) by Graham Brown and David Watson ISBN:978-1-471-83795-1	
	2. System Analysis and design
	3. Communication (email)
	4. Website Authoring
	1. How ICT is used in everyday life
	2. Work related ICT applications and their effects
	3. Integration and Output data
Food And Nutrition	Chapter wise revision for board exam-
Anita Tull	1.Nutrition
ISBN:9780198327660	2.Practical food preperation
	3.Foods and food science
	4.Providing food for different needs
	5.Kitchen

Economics	Role of Government in an economy
Complete Economics for IGCSE and O level	Economic Indicators
Sir Dan Moynihan and Brian Titely	International Specialisation and trade
ISBN 978-0-19-912958-4	Balancing international payment
EM	Atmosphere
	Biosphere
Travel and Tourism	Marketing & Promotion
Cambridge IGCSE Travel & Tourism	Marketing & Promotion of Tourism products & services
John D Smith, Fiona Warburton	
ISBN : 9780521149228	
Business Studies	Marketing strategy
CAMBRIDGE IGCSE BUSINESS STUDIES	Government economic objectives and policies
ISBN 978-1-4441-9806-5	Environmental and ethical issues
	Business and the international economy
	Business finance: needs and sources
	Cash flow forecasting and working capital
	Income statements
	Balance sheets
	An analysis of accounts

Syllabus 2018-19	
Grade A Level	
Subject & Text Used	
Subject and Text Books used	
MATHEMATICS, PURE MATHEMATICS 2 AND 3 HUGH NEILL AND DOUGLAS QUADLING	Introduction;
	1. Polynomials;
	2. The modulus function;
	3. Exponential and logarithmic functions;
	4. Differentiating exponentials and logarithms;
	5. Trigonometry;
	6. Differentiating trigonometric functions;
	Revision exercise 1;
	7. Differentiating products;
	8. Solving equations numerically;
	9. The trapezium rule;
	10. Parametric equations;
	11. Curves defined implicitly;
	12. Vectors: lines in two and three dimensions;
	13. Vectors: planes in three dimensions;
	14. The binomial expansion;
	15. Rational functions;
	16. Complex numbers;
	17. Complex numbers in polar form;
	18. Integration;
	19. Differential equations;
STATISTICS-1	Representation of data
	Measures of location
	Measures of spread
	Probability
	Permutations and combinations
	Probability distributions
	The binomial distribution
	Expectation and variance of a random variable
	The normal distribution
STATISTICS-2	Poisson Distribution
	Linear combinations of random variables
	Continuous random variables
	Sampling and estimation
	Hypothesis tests

ENGLISH	Commentary
Mike Gould & Marilyn Ranklin Cambridge International AS and A Level English Language	Directed Writing
	Descriptive Writing
	Debate
	Review
	Voiceover
	Memoirs and Autobiography
	Speech
	Diaries and Journals
	Narrative Writing
	Imaginative Writing
	Argumentative and Descriptive
	Letters
	Articles
	Revision
	Brochures
PHYSICS	Circular motion
	Gravitational fields
	Oscillations
	Thermal physics,Ideal gases
	Coulombs Laws,Capacitance
	Ultrasound, Communications systems
	Sensing devices,NMR
	op-amp,charged particles
	Magnetic field,Electromagnetism
	Alternating currents
	Electromagnetic induction
	Quantum physics
	Band theory, X-rays
	Nuclear physics
SOCIOLOGY	Education
Cambridge International AS and A level Sociology;Chris Livesey	Religion
ISBN : 9781107673397	Global Development
	Media
CHEMISTRY	
	Electrode potential
	further aspects of equilibria
	reaction kinetics
	transition elements
	entropy and Gibbs free energy
	analytical techniques
	organic synthesis

BUSINESS STUDIES	Business structure
PETER STIPSON AND ALASTAIR FARQUHARSON CAMBRIDGE INTERNATIONAL AS AND A LEVEL COURSE BOOK	Size of the business
ISBN 978-1-107-67736-4	External influences on business activity
	External economic influences on business behaviour
	Further human resource management
	Organisatin structure
	Business communication
	Marketing planning
	Globalisation and international marketing
	Capacity utilisation
	Lean production and quality management
	Project management
	Costs
	Budgets
	Contents of published accounts
	Analysis of published accounts
	Investment appraisal
	What is strategic management
	Strategic analysis
	Strategic choice
	Strategic implementation
BIOLOGY	1.Biodiversity , Classification and conservation
Cambridge International AS and A level Biology Coursebook -Fourth edition	2. Energy and Respiration
Mary Jones, Richard Fosbery, Jennifer Gregory,Dennis Taylor	3.Homeostasis
ISBN: 9781107636828	4.Photosynthesis
	5. Control and coordination
	6.Inherited change
	7.Genetic technology
	8.Selection and Evolution
TRAVEL AND TOURISM	Destination Marketing
AS and A level Travel and Tourism, Second Edition(Authors- John D Smith, Sue Stewart)	Destination Management

PSYCHOLOGY	HEALTH PSYCHOLOGY
Cambridge International AS and A level Psychology	Patient-practitioner relationship
ISBN :9781316605691	Adherence to medical advice
	Pain
	Stress
	Health Promotion
	Health and Safety
	ABNORMALITY
	Models of Abnormality
	Schizophrenia
	Abnormal Affect
	Obsessive Compulsive Disorder
	Phobias
	Addiction and Impulse control

Syllabus 2018-19	
Grade: AS Level	
Subject & Text Used	
Subject and Text Books used	
MATHEMATICS	
TEXT BOOK:	1. Coordinates points and lines;
Pure mathematics 1	2. Surds and indices;
Huge neill and Douglas quadling	3. Functions and graphs;
	4. Quadratics;
	5. Inequalities;
	Revision exercise 1;
	6. Differentiation;
	7. Applications of differentiation;
	8. Sequences;
	9. The binomial theorem;
	10. Trigonometry;
	11. Combining and inverting functions;
	12. Extending differentiation;
	Revision exercise 2;
	13. Vectors;
	14. Geometric sequences;
	15. Second derivatives;
	16. Integration;
	17. Volume of revolution;
	18. Radians;
MECHANICS	Motion in straight line
Teacher's notes	Constant acceleration formula
	Forces and Newton's laws of motions
	Applying Newton's second law along a line
	Vectors
	Forces in equilibrium and resultant force
	General motion in straight line
	A model of friction
	Energy , work and power
STATISTICS	Representation of data
	Measures of location
	Measures of spread
	Probability
	Permutations and combinations
	Probability distributions
	The binomial distribution
	Expectation and variance of a random variable
	The normal distribution

ENGLISH	Textual Analysis
Mike Gould & Marilyn Ranklin	Highlight Key words and Phrases
Cambridge International AS and A Level English Language	Narrative Writing
	Directed Writing
	Structure of a Commentary
	Descriptive Writing
	Writing Short Passages
	Persuasive and Imaginative Writing
	Articles
	Letters
	Speeches
	Autobiography Memoirs
	Diary
	Reviews
	Script and Speech
	Voiceover
	Commentary
PHYSICS	Kinematics(ch-1 ,2)
	Dynamics(ch-3,4)
	Forces,Work,Energy and Power
	Momentum
	Matter,Deforming solids
	Electric fields,Current,P.d.,Resistance
	Kirchoffs Laws
	Resistance and resistivity
	Practical circuits
	Waves and its superposition
	Stationary Waves
	Radioactivity
CHEMISTRY	
	1 Atoms, molecules and stoichiometry
	2 Atomic structure
	3 Chemical bonding
	4 States of matter
	5 Chemical energetics
	6 Electrochemistry
	7 Equilibria
	8 Reaction kinetics
	9 The Periodic Table: chemical periodicity
	10 Group 2
	11 Group 17
	12 Nitrogen and sulfur
	13 introduction to organic chemistry
	14 Hydro carbons
	15 Halogen derivatives
	16 Hydroxy compounds
	17 carbonyl compounds
	18.Carboxylic acids and derivatives
	19 Analytical techniques

BUSINESS STUDIES	Enterprise
PETER STIPSON AND ALASTAIR FARQUHARSON CAMBRIDGE INTERNATIONAL AS AND A LEVEL COURSE BOOK	Business structure
ISBN 978-1-107-67736-4	Size of Business
	Business objective
	Stakeholders in business
	Management and leadership
	Motivation
	Human Resource Management
	What is marketing?
	Market research
	Marketing Mix: Promotion and Place
	Marketing Mix: Product and Price
	Nature of operations
	Operations planning
	Inventory Management
	Business Finance
	Forecasting cash flows
	Costs
	Accounting fundamentals
BIOLOGY	1.Cell Structure
Cambridge International AS and A level Biology Coursebook -Fourth edition	2.The mitotic cell cycle
Mary Jones, Richard Fosbery, Jennifer Gregory,Dennis Taylor	3.Enzymes.
ISBN: 9781107636828	4.Biological molecules
	5.Cell membrane and transport
	6.Nucleic acid and protein synthesis
	7.Gas exchange and smoking
	8.Transport in plants
	9.Transport in mammals
	10.Immunity
	11.Infectious diseases
TRAVEL AND TOURISM	Introduction to the Travel & Tourism industry
AS and A level Travel and Tourism, Second Edition (Authors- John D Smith, Sue Stewart)	Customer service in the Travel & Tourism industry
	Planning & organising a Travel & Tourism event

PSYCHOLOGY	RESEARCH METHODS
Cambridge International AS and A level Psychology	SOCIAL PSYCHOLOGY
ISBN 9781316605691	The Study of Obedience
	Chimpanzee helping
	The Good Samaritan
	BIOLOGICAL PSYCHOLOGY
	Canli ;brain functioning
	Sleep and Dreaming
	Schafter and Singer
	COGNITIVE APPROACH
	Andrade ;doodling
	Baron and Cohen; Eyes Test
	Laney; False memories
	LEARNING APPROACH
	Bandura; aggression
	Saavendra ;button phobia
	Pepperberg ;parrot learning
Cambridge International AS and A Level Sociology	The sociological prespective
Chris Livesey	Methods of research.The relationship between theory and methods.
ISBN 9781107673397	The socialisation and creation of social identity.
	The family