

# Syllabus 2018 – 2019

## Cambridge

---

### Class 9

<b>SUBJECT: ENGLISH</b>	
<b>TERM I</b>	<b>TERM II</b>
1.Diary/Journal 2.How Writer’s achieve effects 3.Summary writing 5.Interview 6. Descriptive essays 7. Narrative essays 8. Argumentative Skills – For articles, speech, letters.  We will be incorporating the appropriate grammar, punctuations and vocabulary sessions accordingly.	1. Letters 2. Speech 3. Newsreport 4. Article 5. Transformation to various styles/genres 6. Persuasive writing skills - For articles, speech, letters 7. Discursive writing skills - For articles, speech, letters 8. How Writer’s achieve effects  We will be incorporating the appropriate grammar, punctuations and vocabulary sessions accordingly

### **SAMPLE PAPERS**

**The sample papers are a sample of the format of the paper. The content may or may not match with this year’s syllabus. Click on the link below to open the paper.**

**Sample paper not available as Syllabus has changed**

<b>SUBJECT: MATHEMATICS</b>	
<b>TERM I</b>	<b>TERM II</b>
1. Number and language 2. Accuracy 3. Calculation and order(BIDMAS) 4. Integers, fractions, decimals and percentages 5. Further Percentages 6. Ratio and proportion 7. Indices standard form 8. Money and finance 9. Time 10. Algebraic representation and manipulation 11. Algebraic indices 12. Equations and inequalities 13. Sequences 14. Proportion 15. Functions 16. Straight line graphs  <b>It is mandatory for students to mention units, graphs with proper scales and give a clear presentation of working.</b>	1. Graphs in Practical situations 2. Geometrical vocabulary and construction 3. Similarity and congruence 4. Symmetry 5. Angle properties 6. Measures 7. Perimeter, area and volume 8. Bearings 9. Trigonometry 10. Transformations (basic) 11. Probability 12. Further probability 13. Mean, median, mode and range 14. Collecting and displaying data 15. Cumulative frequency  <b>It is mandatory for students to mention units, graphs with proper scales and give a clear presentation of working.</b>

**SAMPLE PAPERS**

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

Term 1

[Paper 2](#)

[Paper4](#)

[Paper 2](#)

[Paper4](#)

Term 2

[Paper2](#)

[Paper4](#)

[Paper2](#)

[Paper4](#)

<b>SUBJECT: PHYSICS</b>	
<b>TERM I</b>	<b>TERM II</b>

<p><b>BLOCK 1-General Physics</b></p> <ul style="list-style-type: none"> <li>• Making Measurements</li> <li>• Describing motion</li> <li>• Forces and motion</li> <li>• Turning effects of forces</li> <li>• Forces and matter</li> <li>• Energy transformations and energy transfers</li> <li>• Energy resources</li> <li>• Work and power</li> </ul>	<p><b>BLOCK 2-Thermal Physics</b></p> <ul style="list-style-type: none"> <li>• The Kinetic model of matter</li> <li>• Thermal properties of matter</li> <li>• Thermal(heat)energy transfers</li> </ul> <p><b>BLOCK 3-Physics of waves</b></p> <ul style="list-style-type: none"> <li>• Sound</li> <li>• Light</li> <li>• Properties of waves</li> <li>• Spectra</li> </ul> <p><b>BLOCK 5- Atomic physics</b></p> <ul style="list-style-type: none"> <li>• The Nuclear Atom</li> <li>• Radioactivity</li> </ul>
--	--

## SAMPLE PAPERS

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

### Term 1

[Paper2](#)

[Paper4](#)

[Paper6](#)

[Paper2](#)

[Paper4](#)

[Paper6](#)

### Term 2

[Paper2](#)

[Paper4](#)

[Paper6](#)

[Paper2](#)

[Paper4](#)

[Paper6](#)

SUBJECT: CHEMISTRY	
TERM I	TERM II
<ol style="list-style-type: none"> <li>1. The particulate nature of matter (states of matter)</li> <li>2. Experimental techniques</li> <li>3. Atomic structure and the periodic table</li> <li>4. The periodic table: periodic trends</li> <li>5. Bonding</li> <li>6. Stoichiometry (formulae and equations, calculations involving relative atomic mass <math>A_r</math> and relative molecular mass-<math>M_r</math>)</li> <li>7. Practicals-paper 6, qualitative and quantitative analysis</li> </ol>	<ol style="list-style-type: none"> <li>1. Types of reactions</li> <li>2. Electrolysis</li> <li>3. Acids and bases</li> <li>4. Preparing salts</li> <li>5. Speed of reaction</li> <li>6. Chemical changes and energy</li> <li>7. Stoichiometry-Moles, vol. of gases, reacting vols. Reacting masses, empirical and molecular formulae, conc. of solutions, % yield and purity, limiting reagent</li> <li>8. Practicals-paper 6, qualitative and quantitative analysis</li> </ol>

### SAMPLE PAPERS

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

#### Term 1

[Paper2](#)

[Paper4](#)

[Paper6](#)

[Paper2](#)

[Paper4](#)

[Paper6](#)

#### Term 2

[Paper2](#)

[Paper4](#)

[Paper6](#)

[Paper2](#)

[Paper4](#)

[Paper6](#)

SUBJECT: BIOLOGY	
TERM I	TERM II
<b>1 Characteristics and classification of living organisms</b> <b>2 Organization of the organism</b> <b>3 Movement in and out of cells</b> <b>4 Biological molecules</b> <b>5 Enzymes</b> <b>6 Gas exchange in humans</b> <b>7 Respiration</b> <b>8 Drugs</b>	<b>9 Plant nutrition</b> <b>10 Human nutrition</b> <b>11 Transport in plants</b> <b>12 Transport in animals</b> <b>13 Diseases and immunity</b> <b>14 Organisms and their environment</b> <b>15 Human influences on ecosystems</b>

### SAMPLE PAPERS

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

#### Term 1

[Paper2](#)

[Paper4](#)

[Paper6](#)

[Paper2](#)

[Paper4](#)

[Paper6](#)

#### Term 2

[Paper2](#)

[Paper4](#)

[Paper6](#)

[Paper2](#)

[Paper4](#)

[Paper6](#)

<b>SUBJECT: HINDI</b>	
<b>TERM I</b>	<b>TERM II</b>
<p>Paper 1: Reading and Writing</p> <p>Exercise 1 – The text will be one of the following types: advertisement, brochure, leaflet, guide, report, manual, instructions, newspaper /magazine article.</p> <p>Exercise 2 – Multiple matching.</p> <p>Exercise 3 – Note-making.</p> <p>Exercise 4 – Summary writing.</p> <p>Exercise 5 –Writing exercise: candidates write a short piece of functional prose such as an email.</p> <p>Exercise 6 – Writing exercise: continuous prose.</p> <p>Paper 2: Listening</p> <p>Exercise 1 – Six comprehension items- travel announcement, recorded phone message, brief dialogues</p> <p>Exercise 2 – Gap-fill sentences (e.g. conversation, interview, Monologue, talk)</p> <p>Exercise 3 – Information correction.</p> <p>Exercise 4 - Multiple-choice questions</p>	<p>Paper 1: Reading and Writing</p> <p>Exercise 1 – The text will be one of the following types: advertisement, brochure, leaflet, guide, report, manual, instructions, newspaper /magazine article.</p> <p>Exercise 2 – Multiple matching.</p> <p>Exercise 3 – Note-making.</p> <p>Exercise 4 – Summary writing.</p> <p>Exercise 5 –Writing exercise: candidates write a short piece of functional prose such as an email.</p> <p>Exercise 6 – Writing exercise: continuous prose.</p> <p>Paper 2: Listening</p> <p>Exercise 1 – Six comprehension items- travel announcement, recorded phone message, brief dialogues</p> <p>Exercise 2 – Gap-fill sentences (e.g. conversation, interview, Monologue, talk)</p> <p>Exercise 3 – Information correction.</p> <p>Exercise 4 - Multiple-choice questions</p>

### **SAMPLE PAPERS**

**The sample papers are a sample of the format of the paper. The content may or may not match with this year’s syllabus. Click on the link below to open the paper.**

#### **Term 1**

[Paper1](#)

[Listening Skills](#)

[Paper1](#)

[Listening Skills](#)

#### **Term 2**

[Paper1](#)

[Listening Skills](#)

[Paper1](#)

[Listening Skills](#)

<b>SUBJECT: ICT</b>	
<b>TERM I</b>	<b>TERM II</b>
<p><b>Theory:</b></p> <ol style="list-style-type: none"> <li>1. Types &amp; Components of Computer System (Chapter 1)</li> <li>2. Input &amp; Output Devices (Chapter 2)</li> <li>3. Storage Devices &amp; Media (Chapter 3)</li> <li>4. ICT Applications (Chapter 6)               <ol style="list-style-type: none"> <li>a. School management system</li> <li>b. Computers in Libraries</li> <li>c. Recognition Systems</li> <li>d. Satellite Systems</li> </ol> </li> </ol> <p><b>Practical:</b></p> <ol style="list-style-type: none"> <li>5. Data Analysis (Chapter 20)</li> <li>6. Website Authoring (Chapter 21)</li> </ol>	<p><b>Theory:</b></p> <ol style="list-style-type: none"> <li>1. ICT Applications (Chapter 6) (All remaining topics)</li> <li>2. Networks &amp; the Effects of Using Them (Chapter 4)</li> <li>3. Safety &amp; Security (Chapter 8)</li> </ol> <p><b>Practical:</b></p> <ol style="list-style-type: none"> <li>4. Graphs &amp; Charts (Chapter 16)</li> <li>5. Data Manipulation (Chapter 18)</li> </ol> <p><b>Term 1 complete portion</b></p>

## **SAMPLE PAPERS**

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

### **Term 1**

[Paper1](#)

[Paper2&3](#)

[Paper1](#)

[Paper2](#)

[Paper3](#)

### **Term 2**

[Paper1](#)

[Paper2](#)

[Paper3](#)

[Paper1](#)

[Paper2](#)

[Paper3](#)



<b>SUBJECT: ACCOUNTING</b>	
<b>TERM I</b>	<b>TERM II</b>
<ol style="list-style-type: none"> <li>1. Introduction to accounting</li> <li>2. Double entry book keeping – Part A</li> <li>3. Trial Balance</li> <li>4. Double entry book keeping – Part B</li> <li>5. Petty Cash book</li> <li>6. Business documents</li> <li>7. Books of prime entry</li> <li>8. Financial Statements - Part A</li> <li>9. Financial Statements - Part B</li> <li>10. Accounting rules</li> </ol>	<ol style="list-style-type: none"> <li>1. Other payables and other receivables</li> <li>2. Depreciation and disposal of noncurrent assets</li> <li>3. Bad debts and provision for doubtful debts</li> <li>4. Journal entries and correction of errors</li> <li>5. Control accounts</li> <li>6. Term I portion also included</li> </ol>

### **SAMPLE PAPERS**

**The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.**

**Sample paper not available as Syllabus has changed**

<b>SUBJECT: ECONOMICS</b>	
<b>TERM I</b>	<b>TERM II</b>
SECTION 1-3 [UNITS 1-21]  SECTION 1 Basic Economic Problem  SECTION 2 The Allocation Of Resources  SECTION 3 The Individual As Producer, Consumer And Borrower	SECTION 4-5 [22-35]  SECTION 4 The Private Firm As Producer And Employer  SECTION 5 Role Of Government in an Economy

### **SAMPLE PAPERS**

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

#### **Term 1**

[Paper1](#)

[Paper2](#)

[Paper1](#)

[Paper2](#)

#### **Term 2**

[Paper1](#)

[Paper2](#)

[Paper1](#)

[Paper2](#)

<b>SUBJECT: BUSINESS STUDIES</b>	
<b>TERM I</b>	<b>TERM II</b>
<p><b>UNIT 1: Understanding business activity</b></p> <ol style="list-style-type: none"> <li>1. Business activity</li> <li>2. Classification of businesses</li> <li>3. Enterprise, business growth and size</li> <li>4. Types of business organization</li> <li>5. Business objectives and stakeholder objectives</li> </ol> <p><b>UNIT 2: People in business</b></p> <ol style="list-style-type: none"> <li>1. Motivating workers</li> <li>2. Organisation and management</li> <li>3. Recruitment, selection and training of workers</li> <li>4. Internal and external communication</li> </ol>	<p><b>UNIT 3: Marketing</b></p> <ol style="list-style-type: none"> <li>1. Marketing, competition and the customer</li> <li>2. Market research</li> <li>3. Marketing mix</li> <li>4. Marketing strategy</li> </ol>

## **SAMPLE PAPERS**

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

### **Term 1**

[Paper1](#)      [Paper2](#)      [Pap2Insert](#)

[Paper1](#)      [Paper2](#)      [Pap2Insert](#)

### **Term 2**

[Paper1](#)      [Paper2](#)      [Pap2Insert](#)

[Paper1](#)      [Paper2](#)      [Pap2Insert](#)

<b>SUBJECT: GLOBAL PERSPECTIVES</b>	
<b>TERM I</b>	<b>TERM II</b>
<p><b>UNIT 1: Demographic change Key issues include:</b></p> <p>Understanding the issues related to the aging population</p> <p>Fewer children</p> <p>Demographics and health</p> <p>Demographics and economic growth</p> <p><b>UNIT 2: Education</b></p> <p>Right to education</p> <p>Funding for education</p> <p>Purpose of education</p> <p>Equality in education</p> <p>Education technology</p> <p><b>UNIT 3: Employment:</b></p> <p>Fairness</p> <p>Job creation</p> <p>Profit</p> <p>Globalization</p> <p>Unemployment</p>	<p><b>UNIT 4: FUEL AND ENERGY</b></p> <p>Fossil fuels</p> <p>Renewable energy</p> <p>Nuclear energy</p> <p>Climate change</p> <p>Inequity</p> <p>Fuel poverty</p> <p>Access to energy</p> <p>Energy as a right</p> <p><b>UNIT 5: GLOBALISATION</b></p> <p>Human effects of globalization</p> <p>Globalisation and development</p> <p>Global and national governance</p> <p>Core and periphery</p> <p>Globalisation vs localization</p> <p><b>UNIT 6 :LAW AND CRIMINALITY</b></p> <p>Preventing crime</p> <p>Surveillance</p> <p>Funding and criminal justice system</p> <p>Dealing with international crime</p> <p>Punishing crime</p>

**Component 2: Individual report:**

Term 1 : skills developed are : Research , planning, questioning, drawing hypotheses and conclusions, problem solving

Term 2 : Skills developed: Memory, evaluation, reasoning, reflection and understanding bias and vested interest

**Component 3: Team Project**

Term 1 : skills developed : teamwork, decision making, listening

Term 2 : skills developed: Reading, Writing and creativity

**Term 2**

[Paper1](#)

[Insert](#)

<b>SUBJECT: Environmental management</b>	
<b>TERM I</b>	<b>TERM II</b>
<p><b>UNIT 1: ROCKS AND MINERALS AND THEIR EXPLOITATION</b>            Formation of rocks            Impact of extraction            Extraction of rocks and minerals            Sustainability of rocks and minerals</p> <p><b>UNIT 2: ENERGY AND ENVIRONMENT</b>            Fossil fuels            Energy resources            The demand for energy            Conservation and management of energy            Impact of oil pollution            Management of oil pollution</p> <p><b>UNIT 3: AGRICULTURE AND THE ENVIRONMENT</b>            The impact of agriculture on people            Causes and impact of soil erosion            Methods to reduce soil erosion            Integrated approach for sustainable agriculture</p>	<p><b>UNIT 4: WATER AND ITS MANAGEMENT</b>            Why humans need water            Sources of water            Safe drinking water and its availability            Multipurpose dam projects            Water related diseases            Sources, impact and management of water pollution</p> <p><b>UNIT 5 : OCEANS AND FISHERIES</b>            World fisheries            Impact on fisheries            Strategies for managing the harvesting of marine species</p> <p><b>UNIT 6: MANAGING NATURAL HAZARDS</b>            What is a natural hazard            Causes of earthquakes, volcanic eruptions, tropical cyclones            Flooding            Droughts            Impact of hazards            Strategies to manage the impact of natural hazards            Opportunities presented by natural hazards</p>

### **SAMPLE PAPERS**

The sample papers are a sample of the format of the paper. The content may or may not match with this year's syllabus. Click on the link below to open the paper.

Term 1

[Paper1](#)

[Paper2](#)

Term 2

[Paper1](#)

[Paper2](#)

**SUBJECT TRAVEL AND TOURISM**

<b>TERM I</b>	<b>TERM II</b>
<p><b>UNIT 4:</b></p> <ol style="list-style-type: none"><li>1. Introduction</li><li>2. Identify and describe tourism products</li><li>3. Explore the roles of tour operators and travel agents.</li><li>4. Describe the support facilities for travel and tourism</li><li>5. Explore the feature of worldwide transport in relation to major international routes.</li></ol> <p><b>UNIT 5:</b></p> <ol style="list-style-type: none"><li>1. Introduction</li><li>2. Role and function of marketing and promotion</li><li>3. Market segmentation and targeting</li><li>4. Product as part of the marketing mix</li><li>5. Place as part of the marketing mix</li><li>6. Promotion as part of the marketing mix</li></ol> <p><b>Note: Units 1,2 and 3 will be assessed</b></p>	<p><b>UNIT 6:</b></p> <ol style="list-style-type: none"><li>1. Introduction</li><li>2. The operation, role and function of tourist boards and tourist information centres.</li><li>3. The provision of tourist products and services</li><li>4. Basic principles of marketing and promotion</li><li>5. The marketing mix</li><li>6. Leisure travel services</li><li>7. Business travel services</li></ol> <p><b>Note: Units 1,2,3,4 and 5 will be assessed</b></p>