



AS Final Term Syllabus Outline

Biology	<p>Chapter: 7 Transport in Plants, Chapter: 8 Transport in Mammals, Chapter: 9 Gas Exchange and Smoking, Chapter: 10 Infectious Disease, Chapter: 11 Immunity</p> <p style="text-align: right;">Teacher's Names: Dr. Shaista Khalid</p>
Chemistry	<ol style="list-style-type: none"> 1. Carbonyl Compounds 2. Group 2 (Introduction) 3. Group 17 (Introduction) 4. Nitrogen and Sulphur 5. Periodic Table 6. Chemical Energetics. (Introduction) 7. Redox Reactions 8. Equilibrium. (Introduction) 9. Reaction Kinetics. (Introduction) <p>Past Papers Practice is done with all the topics.</p> <p style="text-align: right;">Teacher's Names: Ms. Ammara Mehwish, Ms. Fareeha Iqbal</p>
Physics	<p>Reference: Cambridge International AS and A Level Physics 9702</p> <p>Chap 2: Measurement Techniques Chap 9: Deformation of Solids Chap 14: Waves Chap 15: Superposition Chap 17: Electric Fields Chap 19: Current of Electricity Chap 20: DC Circuits Chap 26: Particle and Nuclear Physics</p> <p>Past Papers Practice is done with all the topics.</p> <p style="text-align: right;">Teacher's Names: Mr. Tahir Rehman, Ms. Riffat Islam</p>
Accounting	<p>Topics</p> <p>1.4.3 Partnership Accounts 1.4.3 B Dissolution of Partnership 1.4.4A & 1.4.4B Accounts of Limited Liability Companies 1.5.1 Ratio Analysis 1.4.2B Final Account from Incomplete Records 2.3.1 The Application of Accounting to Business Planning 2.2.3A Cost Volume Profit Analysis 2.2.3B Unit, Job and Batch Costing</p> <p>Past Paper Practice</p> <p style="text-align: right;">Teacher's Name: Mr. Haider Shahzad</p>
Business	<p>Unit: 3 Marketing (3.3,3.4) Unit: 4 Business Operations (4.1,4.2,4.3) Unit: 5 Accounting & Finance (5.1,5.2,5.3,5.4)</p> <p>Past Paper Practice</p> <p style="text-align: right;">Teacher's Name: Mr. Nouman Ashraf</p>
Economics	<p>Unit: 4 The Macro-Economy, Unit: 5 Government Macro Intervention</p> <p>Past Paper Practice</p> <p style="text-align: right;">Teacher's Name: Ms. Erum Taufiq</p>

<p>Pure Math</p>	<p><u>Integration</u> Reversing Differentiation Finding the Area Under a Curve Area as the Limit of a Sum Areas Below the x Axis The Area Between Two Curves The Area Between a Curve and the y Axis The Reverse Chain Rule Improper Integrals Finding Volumes by Integration</p> <p><u>Trigonometry</u> Trigonometry Background Trigonometrical Functions Trigonometrical Functions for Angles of any Size The Sine and Cosine Graphs The Tangent Graph Solving Equations Using Graphs of Trigonometrical Functions Circular Measure The Length of an Arc of a Circle The Area of a Sector of a Circle Other Trigonometrical Functions</p> <p><u>Vectors</u> Vectors in Two Dimensions Vectors in Three Dimensions Vector Calculations The Angle Between Two Vectors</p> <p style="text-align: right;"><u>Teacher's Names: Mr. Asad Ali, Mr. M. Akram</u></p>
<p>Statistics</p>	<p><u>Probability Distribution</u> (Discreet Variables) Probability Distribution Expectation of X. $E(X)$ Variance, $Var(X)$</p> <p><u>Binomial Distribution</u> Mean & Variance of Binomial Distribution</p> <p><u>Normal Distribution</u> Using Standard Normal Table Using of S_n In Reverse to Find Z Find Mean & Variance of Normal Distribution Normal Approximation to The Binomial</p> <p style="text-align: right;"><u>Teacher's Name: Mr. Khurram Siddique</u></p>
<p>AS-IT</p>	<p><u>Paper 1: (Theory)</u> Section04: E-Safety and Health and Safety, Section05: The Digital Divide, Section06: Using Networks, Section07: Expert Systems</p> <p><u>Paper 2: (Practical)</u> Section10: Sound and Video Editing</p> <p style="text-align: right;"><u>Teacher's Names: Mr. Shahzad Akbar, Mr. Naveed Rajput</u></p>