

Year 14 Revision
Winter Exams 2023



Subject	Length (mins)	Format	Topics
Art	Session 1:105 Session 2:105 Session 3:90	Practical Exam - Coursework relating to their Personal and Critical Investigation	Pupils will submit their coursework portfolio for the Personal and Critical Investigation
Biology	60 x 2	A2 past paper questions	Unit 1 - Homeostasis and Kidney, Statistics (confidence limits and t-test), immunity, prescribed practicals Unit 2 - DNA is genetic code, photosynthesis.
Business Studies	90	A2 past paper questions	Business objectives, Communication, Economics and diseconomies of scale, Business strategy and planning (booklet 2), Ratio Analysis
Chemistry	90	A2 past paper questions	Lattice Enthalpy; Enthalpy, entropy and free energy; Rates of Reaction; Equilibrium; Acid-base equilibria just definition of strong acid, conjugated base/ acid question; Isomerism; Aldehydes and ketones; Carboxylic acids; Derivatives of carboxylic acids
Economics	100	A2 past paper questions	Short-run/Long-run, Business Growth and Measuring Markets, Perfect Competition, Monopoly (inc Price discrimination), Oligopoly
English Literature	60 x 2	Dickinson essay and Othello essay	Your Dickinson essay will involve a comparative theme essay based on two poems. One poem will be stipulated and a copy will be provided. You must select the other poem but you will not be given a copy of it. Your Othello essay will involve an extract analysis. You should ensure you have thoroughly revised all class notes, focusing especially on methods and context for both.
Geography	90	A2 past paper questions	Tectonic activity and Ethnic Diversity
French	Oral: 10 Listening: 45 Reading: 120	Oral, Listening, Gap fill, Reading comp, Summary, Prose	All units covered
Further Maths	Pure: 90 Applied: 60	A2 past paper questions	All units covered
Health and Social Care	60	A2 past paper questions	Accessing HSC services; Barriers to accessing services; Rationing of HSC services; Demographic trends; and funding of services
History	Paper 1:105 Paper 2: 45	A2 past paper questions	All units covered

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Mathematics	Pure: 90 Applied: 60	A2 past paper questions	Pure - Partial fractions, Graphs, Functions, Trigonometry (up to sec/cosec/cot and equations thereof), Differentiation (up to differentiation of trig functions). Applied – Momentum and Impulse, Projectiles, Conditional Probability, Normal Distribution
MIA	Session 1: 120 Session 2: 120	Session 1: 2hr Theory Exam - Past Paper Session 2: 2hr Practical Exam – Coursework (Practical: 60% Theory: 40%)	Section A – Realism: Narrative and Visual Style Section B – Creative Exercise Section C – Comparative Analysis
Music	Listening:60 Written: 120	Sample questions	Orchestral and Vocal networks
Nutrition and Food Science	90	A2 past paper questions	Microbiological contamination; Additives; and Chemical Contamination.
PE	120	A2 past paper questions	Attitudes, Attribution theory, Aggression, Social facilitation, Short term responses to exercise, Long term adaptations
Politics	Paper 1: 50 Paper 2: 70	A2 past paper questions	All units covered
Physics	120	A2 past questions 1 question on Data Analysis (similar to Unit 3 Homework booklet)	Circular Motion; Simple Harmonic Motion; The Nucleus; Nuclear Decay; Gravitational Fields; Electric Fields; Magnetic Fields (including EM Induction, NOT Transformers) Practical Techniques & Data Analysis
Religious Studies	80	A2 past paper questions	All work covered so far
Spanish	Oral: 10 Listening: 45 Reading: 120	Oral, Listening, Gap fill, Reading comp, Summary, Prose	All topics and grammar covered to date
SSD	60	Past paper question	A21 topics
Technology	120	A2 past paper questions	All work covered up to PIC Microcontrollers