

Syllabus for Final Examination

Session: 2022-2023

Class: IX

SL.	Subjects	Teachers	Syllabus
1.	English Language	Khandekar Anis Reza	Paper 1 (Unseen): Reading Comprehension: Reading for Meaning Reading for Ideas: Summary Paper 2 (Unseen): Directed Writing: # 1. Article; 2. Letter; 3. Speech Composition: Narrative, Descriptive Similar to work done in Worksheets, Classwork & Homework exercise copies. Worksheets and Handouts are provided.
2.	Bangla	Quazi Nazneen	Everything that has been done till now in class. Similar to work done in Worksheets, Classwork & Homework exercise copies. Details will be shared later through email.
3.	Additional Mathematics	Tanvir Asghar Kabir	Simultaneous Equations, Surds, Indices and Logarithms, Factor and Remainder Theorem, Identities, Cubic Factorization, Quadratics, Functions, Modulus Functions, AP/GP, Co-ordinate Geometry, Circular Measures, Trigonometric Functions and Identities, Binomial Expansions, Differentiation with Trigonometric functions, Application of Differentiation Similar to work done in Worksheets, Classwork & Homework exercise copies.
4.	Mathematics D	Tanvir Asghar Kabir	Arithmetic, Algebra, Geometry, Trigonometry, Mensuration, Graphs, Sets, Functions, Matrix, Transformation, Vectors, Statistics Similar to work done in Worksheets, Classwork & Homework exercise copies.
5.	Physics	A.H.M Fazlul Haque	1. Thermal physics; 2. General waves, light, lenses, electromagnetic, spectrum, sound waves; 3. Static electricity, current electricity Similar to work done in Worksheets, Classwork & Homework exercise copies.
6.	Biology	Romana Haque	Human gas exchange; Respiration; Transport in human; Excretion; Homeostasis; Coordination and control Similar to work done in Worksheets, Classwork & Homework exercise copies.

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7.	Chemistry	Dr. Md. Mufazzal Hossain	Paper-1 & 2: Chapter 1: States of matter; Chapter 2: Atoms, Elements and compounds; Chapter 3: Stoichiometry; Chapter 4: Electrochemistry; Chapter 5: Chemical energetics; Chapter 6: Chemical Reactions; (rates of reaction, equilibrium and redox); Chapter 7: Acids, bases and salts; Chapter 8: Periodic Table Similar to work done in Worksheets, Classwork & Homework exercise copies.
		Dr. Tapas Debnath	Methods of analysis: The use of aqueous sodium hydroxide and aqueous ammonia to identify the following aqueous cations: hydrogen, ammonium, copper(II), iron(II), iron(III), Chromium(III), aluminium and zinc Identification of the following anions: chloride and iodide (by reaction of an aqueous solution with nitric acid and aqueous silver nitrate); sulfate (by reaction of an aqueous solution with nitric acid and aqueous barium nitrate), Carbonate, Nitrate, Hydroxide. Identification of ions and gases: Tests to identify the following gases: ammonia (using damp red litmus paper); carbon dioxide (using limewater); hydrogen (using a burning splint); oxygen (using a glowing splint) Similar to work done in Worksheets, Classwork & Homework exercise copies.
8.	Accounting	Shajedul Alam	For long Structured Questions 1. Bad debts, allowances for doubtful debts, 2. Depreciation, 3. Accruals and prepayments. 4. Bank reconciliations, 5. Errors not affecting trial balance, 6. Control accounts, 7. Suspense account and errors, 8. Manufacturing accounts, 9. Non-profit making organizations For MCQ: All chapters. Similar to work done in Worksheets, Classwork & Homework exercise copies.
9.	Economics	Iqbal Mahmood	1. Basic economic problem: choice and the allocation of resources 2. The allocation of resources: how the market works; market failure 3. The allocation of resources: how the market works; market failure 4. The individual as producer, consumer and borrower 5. The private firm as producer and employer 6. The allocation of resources: how the market works; market failure (Revision) 7. The private firm as producer and employer 8. Role of government in economy 9. Economic indicators Similar to work done in Worksheets, Classwork & Homework exercise copies.
10.	Business Studies	Dr. Mohitur Rahman	Full CAIE O Level Syllabus Similar to work done in Worksheets, Classwork & Homework exercise copies.
11.	Computer Science	Md. Masudul Hoque	Paper-1: Chp-1: Data representation - Number system, Text, sound, image, Data storage & file compression; Chp-2: Data transmission - Types and method of data transmission; Chap-3 : Hardware - Computer Architecture, Input and output devices, Data storage, Network hardware; Chap-4 : Software - Types of software, Types of Programming languages, Translator program & IDEs Paper-2: Chp-7: Problem solving methods Structure diagram, Pseudocode and flowcharts; Chp-8 Programming - Programming concept, Array; Chap-9 : Database; Chap-10: Boolean Logics Similar to work done in Worksheets, Classwork & Homework exercise copies.