



MASTERMIND

ENGLISH MEDIUM SCHOOL
(UTTARA CAMPUS)

SYLLABUS FOR FINAL EXAMINATION: 2021-2022

CLASS: VIII (CAMBRIDGE)

Subject : ENGLISH LANGUAGE

BOOKS

1. NEW ENGLISH THIRD BY RHODRI JONES (HEINEMANN)
2. OXFORD SECONDARY ENGLISH 2 – JOHN SEELEY
3. INTERMEDIATE ENGLISH GRAMMAR 3RD EDITION – RAYMOND MURPHY
4. ENGLISH DICTIONARY – COLLINS GEM

PAPER-1: WRITING

Section – 1: Directed Writing

Students communicate key information appropriately, clearly and creatively, using accurate vocabulary, sentence structures, spelling, grammar and punctuation, to achieve a specific purpose for a certain audience, in a particular situation. Students will be presented with a task e.g. write a letter, speech, report, article, leaflet and others.

Section – 2: Creative Writing

Students display their English Language skills and express their opinion, experience or imagination in an appropriate, clear and creative manner, using accurate vocabulary, sentence structures, spelling, grammar and punctuation. Students will be presented with a choice of five easy topics and must answer any one of the following: narrative, descriptive and argumentative.

PAPER-2: READING

Section-1: Grammar

Students have to show their ability to identify and demonstrate the basic understanding of grammar rules taught in class. Students will be assessed in class and during exams through various different type of exercises.

Section-2: Reading for Meaning

Students have to use their English Language skills in order to demonstrate more in-depth understanding of a narrative passage. Students ability to understand the language, both implicit and explicit meanings, will be tested through short questions.

SUBJECT : MATHS SYLLABUS- D

BOOK

Mathematics – 2 -by Shingle

- Chapter—3 : Scales and Maps
- Chapter—4 : Symmetry and Angle Properties of Polygons [Ex – 4c, 4d, 4f]
- Chapter—8 : Simultaneous Linear Equation
- Chapter—10 : Graphs of Quadratic Function
- Chapter—11 : Motion Geometry
- Chapter—12 : Pythagoras' Theorem
- Chapter—13 : Mensuration
- Chapter—15 : Trigonometrical Ratios
- Basic Algebra and Arithmetic

SUBJECT :**BANGLA****BOOKS**

- ১) সাহিত্য কণিকা (অষ্টম শ্রেণি)
- ২) ভাষা সৌরভ ব্যাকরণ ও রচনা (নতুনসংস্করণ) দশম শ্রেণি- মাহবুবুল আলম
- ৩) বিদ্যাকোষ (নবম শ্রেণি) ড. আবুল কালাম মনজুর মোর্শেদ

Bangla Literature**গদ্য / গল্প**

- ১) অতিথির স্মৃতি- শরৎচন্দ্র চট্টোপাধ্যায়
- ২) পড়ে পাওয়া - বিভূতিভূষণ বন্দ্যোপাধ্যায়
- ৩) বাংলা নববর্ষ-শামসুজ্জামান খান

গদ্য / কবিতা

- ১) আবার আসিব ফিরে-জীবনানন্দ দাশ
- ২) নদীর স্বপ্ন -বুদ্ধদেব বসু
- ৩) পাছে লোকে কিছু বলে-কামিনী রায়

Bangla Language

- ১) সমার্থক শব্দ
- ২) সমোচ্চারিত শব্দ
- ৩) বাক্য সংকোচন
- ৪) দ্বিরুক্ত শব্দ
- ৫) বাগধারা
- ৬) প্রবাদ প্রবচন
- ৭) সন্ধি বিচ্ছেদ
- ৮) বাক্য রূপান্তর
- ৯) অনুচ্ছেদ (open)
- ১০) প্রতিবেদন-১৫০ শব্দ
- ১১) রচনা - ২০০ শব্দ

*শব্দার্থ

*সারাংশ

*মূলভাব

*বড় প্র: উ:

*সংক্ষিপ্ত প্র: উ:

*ব্যাখ্যা

*বুঝিয়ে বল

*অনুচ্ছেদ

*কবি ও লেখক পরিচিতি *নামকরণের সার্থকতা

SUBJECT :**ADDITIONAL MATHEMATICS****BOOK****Additional Mathematics (Seventh Edition) by Prof. Lee Peng Yee**

- Chapter- 2 : Simultaneous Equations (Ex-2A, 2B)
Chapter - 4 : Theory of Quadratic Equations and Functions (Ex-4A, 4B, 4C, 4D)
Chapter - 11 : The Binomial Theorem (Ex-11A, 11B)
Chapter- 7 : Circular Measure (Ex- 7A & 7B)
Chapter - 12 : Differentiation (Ex - 12B & 12C)

SUBJECT :**PHYSICS****BOOK****Cambridge O – Level Physics by Heather Kennett and Tom Duncan**

Chapter – 1.5 The turning effect of forces

Chapter – 1.6 Momentum

Chapter – 1.7 Energy, Work and Power

Chapter – 1.8 Pressure

Chapter- 2 Thermal Physics

SUBJECT :**CHEMISTRY****BOOK****Chemistry O Level [JGR Briggs]****Chemistry Matters**

- Chapter – 7 : Covalent and Metallic Bonding
Chapter – 8 : Writing Equation
Chapter – 11 : Acid – Base
Chapter – 12 : Salts (page: 207-219)
Chapter – 16 : Periodic Table

Revision:

- Chapter -2 : Measurement & Experimental Techniques
 Chapter-5 : Atomic Structure
 Chapter - 6: Ionic Bonding

SUBJECT : BIOLOGY

BOOK Federal Biology by Lam Peng Kwan and Eric Y K Lam

SECTION - B: (Animal Physiology)

- Chapter – 7 : Nutrition in Plants
 Chapter – 8 : Transport in Mammals
 Chapter – 9 : Transport of materials in flowering plants
 Chapter – 10 : Respiration

[Revision]

- Chapter – 3 : Diffusion, Osmosis & Surface Area : volume Ratio
 Chapter – 6 : Nutrition in Mammals

SUBJECT : ECONOMICS

BOOK IGCSE and O Level Economics –Susan Grant

SECTION – 2 : Allocation of Resources

- Unit – 11 : Price Elasticity of Demand
 Unit – 12 : Price Elasticity of Supply
 Unit – 13 : Market economic system
 Unit – 14 : Market failure
 Unit – 15 : Mixed economic system

SECTION – 3 : Microeconomic decision makers

- Unit – 16 : Money and Banking
 Unit – 17 : Households
 Unit – 18 : Workers
 Unit – 19 : Trade Unions

SUBJECT : ACCOUNTING

BOOK Business Accounting – 1 -by Frank Wood & Alan Sangster

- Chapter — 9 : Cash Book
 Chapter — 10 : Petty Cashbook
 Chapter — 11 : Day Book
 Chapter — 16 : Final Accounts
 Chapter — 20 : Bad Debts & Provision Doubtful Debts
 Chapter — 21 : Depreciation[Calculations]

SUBJECT : COMPUTER SCIENCE

BOOK Cambridge IGCSE Computer Science by David Watson & Helen Williams

THEORETICAL:

- Chapter — 3 : Hardware: Topics -3.3 & 3.4
 Chapter — 4 : Software: Topic -4.1
 Chapter — 5 : The Internet and its uses: Whole chapter.
 Chapter — 6 : Automated system: Topic: 6.1

LAB : Microsoft Access.