

MASTERMIND

ENGLISH MEDIUM SCHOOL

SYLLABUS FOR FINAL EXAM. 2021–2022

CLASS – VII

SUBJECT : ENGLISH LANGUAGE

☐ RHODRI JONES

- Unit -3 : Penny for the Guy
- Unit -4 : Getting Rid of Ghosts
- Unit -5 : At Work
- Unit -5 : Making a Living
- Unit -6 : Avalanche
- Unit -6 : Marooned
- Unit -9 : Impressions

☐ SECONDARY ENGLISH

- Unit -01 : Amazing Facts and Feats
- Unit -07 : Carnage at the Supermarket
- Unit -11 : Ape
- Unit -13 : Tornado
- Unit -16 : Ma Shwe Saves Her Calf

☐ GRAMMAR BUILDER

- Unit : 5.1, 5.2
- Unit : 6.1, 6.2, 6.3
- Unit : 10.1, 10.2, 10.6
- Unit : 14.1, 14.2
- Unit : 15.1, 15.2, 15.3

☐ CREATIVE WRITING–

1. Argumentative Essay
2. Story Writing

☐ DIRECTED WRITING–

1. Diary Entry
2. Letter Writing (informal letter)

SUBJECT : ENGLISH LITERATURE

THE MERCHANT OF VENICE:

Page – 50 to Page – 101

(® phrases' meanings, short questions, broad questions, explanations, simplification)

THE POEM TREE:

- The Railway Junction
- The Road Not Taken
- The Solitary Reaper

(® short questions, summary, explanations, comparative study)

ANIMAL FARM

Chapter 5—10

(® short questions)

SUBJECT : MATHEMATICS

ARITHMETIC :

Book – 1 (by Lee Peng)
Ex— 6b → Estimation and Approximation
Ex—11 (a to h) → Ratio, Rate and Proportion
Ex—12 (c, d, f) → Arithmetical Problems

GEOMETRY :

Book – 1 (by Lee Peng)
Ex – 9c (9 a to h) → Perimeter and Area of Simple Geometrical figures
Ex— 9d (1 to 4) → Perimeter and Area of Simple Geometrical figures
Ex— 10a, 10b→ Volume and Surface Area
Ex— 14a, 14b→ Angle properties of Triangle and Quadrilaterals

Book- 2 (By H. Clarke) chapter -9 (Selected Graph)

ALGEBRA :

Book – 1 (by Lee Peng)
Ex— 8 (d, e) → Algebraic Equations.
Book – 2 (by H. Clarke)
Ex— 33 (A, B) → Simultaneous Equations.
Ex— 34 (A, B) → Simultaneous Equations.
Ex— 57 (A, B) → Solution of Quadratic Equations by Factors

SUBJECT : SCIENCE

PHYSICS :

- 6.01 - Work and energy
- 6.02 - Energy changes
- 6.03 - Energy and work
- 6.04 - Conduction and convection
- 6.05 - Thermal radiation
- 2.01 - Electricity on the move
- 2.02 - Circuits and currents
- 2.03 - Voltage
- 2.04 - Resistance

CHEMISTRY :

- 2.05 - Group 1: the alkali metals
- 2.06 - Group 2: the alkaline earth metal
- 2.07 - Group 7: the halogens
- 2.08 - Group 0: the noble gases
- 3.05 - Reactivity
- 3.06 - Acids and their reactions
- 3.07 - Acids, alkalis and the p^H scale
- 3.08 - Making salts

BIOLOGY :

- 4.01 - Blood
- 4.02 - What blood does
- 4.03 - The heart
- 4.04 - Blood vessels and circulation
- 4.05 - Coronary heart disease
- 6.04/7.04 - Photosynthesis
- 6.05/7.05 - The rate of photosynthesis (from text book)
- 6.06/7.06 - More about photosynthesis
- 6.07/7.07 - Minerals from the soil

SUBJECT : BANGLA LITERATURE

- ☐ পাঠ্য বই: * সপ্তবর্ষ I
* দুই বাংলার নির্বচিতকিশোর গল্প সংকলন
(সাহিত্য)

গদ্য অংশ-

- ১) লখার একুশে- আবুবকর সিদ্দিক (পৃ:-৯)
- ২) পাখি- লীলা মজুমদার (পৃ:-২৪)
- ৩) বাংলাদেশের ক্ষুদ্র জাতিসত্তা- এ. কে. শেরাম (পৃ:-৫৫)
- ৪) ঘুড়ি ও দৈববাণী- শীর্ষে নম্মুখোপাধ্যায়

পদ্য অংশ-

- ১) আমার বাড়ি- জসীম উদ্দীন (পৃ:-৭১)
- ২) সাম্য- সুফিয়া কামাল (পৃ:-৯৪)
- ৩) মেলা- আহসান হাবীব (পৃ:-৯৭)

- * শব্দার্থ (ইংরেজি ও বাংলা অর্থ স)
- * বাক্য গঠন
- * মূলভাব
- * বড় প্রঃ উঃ
- * সংক্ষিপ্ত প্রঃ উঃ
- * ব্যাখ্যা

- * কবি ও লেখক পরিচিতি
- * অনুচ্ছেদ (cloze)
- * এক শব্দে/ বাক্যে উত্তর
- * সত্য মিথ্যা নির্ণয়
- * বহু নির্বচনী প্রশ্ন-উত্তর
- * শূন্যস্থান পূরণ

SUBJECT : BANGLA LANGUAGE

পাঠ্য বই: বিদ্যাকোষ- ড. আবুল কালাম মনজুর মোরশেদ
বাংলা ব্যাকরণঃ

- * বিপরীত শব্দ (পৃ:-২১৭)
- * বাক্য সংকোচন/এক কথায় প্রকাশ (পৃ:-২৭৭)
- * বাগধারা (পৃ:-২৯৩)
- * প্রবাদ প্রবচন (পৃ:-৩০৮)
- * প্রতিশব্দ/ সমার্থক শব্দ (পৃ:-২২৯)
- * পরিভাষা (পৃ:-২৩৭)
- * প্রায়-সমোচ্চারিত ভিন্নার্থক শব্দ (পৃ:-২২৩)
- * বাক্য রূপান্তর (পৃ:-২৪৪)

সৃজনশীল লেখনি

- * ভাব সম্প্রসারণ
- * অনুবাদ
- * ই-মেইল
- * রচনা

SUBJECT : HISTORY

- Chapter- 31 – Age of Discovery
- Cultural Close-Up-The Aztecs
- Chapter- 32 New World Expansion
- Chapter- 33 Political Revolutions
- Chapter- 38 The West

(Question Pattern : One sentence answer, short & broad questions, short notes)

SUBJECT : BANGLADESH STUDIES

Book: Bangladesh and Global Studies Class-VI – 2017 Edition

- Chapter- 6 Election System of Bangladesh
- Chapter- 9 Rights of Senior Citizen and Women in Bangladesh
- Chapter- 10 Social Problems in Bangladesh
- Chapter- 12 Bangladesh and International cooperation

(Question Pattern- Short & Broad Question, Short Notes, One Sentence Answer)

GENERAL KNOWLEDGE

- Based on questions given in Google Classroom

SUBJECT : GEOGRAPHY

BOOK: A complete course in certificate Geography (Vol – I)

- **Unit 5:**
 - Chapter 13 – The Realm of air
- **Unit 6:**
 - Chapter 17 – Factors that influence the variation of climate
 - Chapter 18 – Equatorial region (Equatorial Rain Forests)
 - Chapter 21 – Tropical monsoon region
- **Unit 7:**
 - Chapter 30 – Sources of pollution and major pollutants.
- **Countries and capitals**
 - a. Europe
 - b. Africa
 - c. North America
 - d. South America
 - e. Australia / Oceania

(The list of countries and capitals will be uploaded in Google Classroom.)

SUBJECT : RELIGION / MORAL SCIENCE

RELIGION

- Chapter - 5: Belief in the Messengers of Allah
- Chapter - 6: Belief in the Last Day
- Chapter - 7: Hadith and Sunnah
- Chapter - 10: A Rightly Guided Caliph : Ali Ibn Abi Talib
- Chapter - 11: Islamic Society
- Chapter - 12: The Life of the Prophet Muhammad (Pbuh)

MORAL SCIENCE

- Chapter - 9: Sharing is Something Beautiful
- Chapter - 10: I'll Stand by You
- Chapter - 11: Caring for Other People
- Chapter - 14: We Need Friends
- Chapter - 16: The Brave Ones
- Chapter - 21: Where We need to Improve

SUBJECT : COMPUTER SCIENCE

BOOK: FAST FORWARD- WINDOWS 7 AND MS-OFFICE 2013
[CLASS- 8, 3RD EDITION, 2016]

☐ **THEORY:**

- Chapter - 1: Data representation

- Chapter - 8: Networking and E-Commerce

**** Book :** Cambridge IGCSE Computer Science
Publisher Hodder Education

Question Pattern : [Broad/Short Q/A, M.C.Q, Matching]

[N.B. : *Some of the contents may not be found in the book. In such case, follow class Lecture, class work copy and the handout*]

☐ **PRACTICAL :**

MS-Access (As done in the class)
