

SYLLABUS GRADE 7

MID TERM

Session 2018-19

Subject names	Syllabus
<p><u>ENGLISH SYLLABUS</u></p>	<p>English</p> <p>Listening skills: Students should be able to listen to any verbal communication with a reasonable degree of understanding.</p> <p>Speaking Skills: Students will be tested on their ability to speak clearly, using grammatically complete & correct sentences. Following will be emphasized:</p> <ul style="list-style-type: none"> • Extempore speech • Presentation. <p>Reading Skills: Students should be able to read unfamiliar texts with understanding the meaning of lexical items (inferential and figurative) and answer questions based on it. The marks obtained from Reading, Listening and Speaking assessment will be added with internal assessment.</p> <p>The Examination will include a Reading Comprehension Passage (unseen) with questions (Language usage, questions) and Composition.</p> <p>The marks obtained from Listening, Speaking, Reading and writing assessment will be added with internal assessment.</p> <p>Writing Skills: The students should be able to express themselves by writing a continuous piece of writing.</p> <p>Following will be emphasized:</p> <ul style="list-style-type: none"> • Narrative writing· • Descriptive writing • Response writing (summary writing, letter writing, dialogue writing) • Writer’s effect

Editing: Sentences with linguistic errors: Students will be expected to identify the mistakes in the given sentences and rewrite the sentences after correcting them.

Following will be emphasized: Verbs (Subject- Verb- Agreement), tenses (present, past, future), preposition.

Punctuation: To be able to punctuate unpunctuated lines by putting appropriate punctuation marks: capitalization, full stop, comma, question mark, exclamatory mark, apostrophe, inverted comma, semi-colon, colon.

Vocabulary: Students will be expected to solve word power questions such as Homophones, Synonyms, Antonyms, Homonyms, Suffixes and Prefixes.

Figurative Language: Similes, Metaphor, Personification, Imagery, Allegory, Irony, Alliteration, Onomatopoeia.

Idioms: Students will be asked to use the given idioms to frame meaningful sentences.

Spellings: Students will be expected to write the correct spellings of the frequently used words.

Literature: Questions will be set on: analyzing the characters, analyzing the plot, the theme, registering personal interpretation of the characters, the plot, the theme explaining in reference to the context.

Books used:

- Secondary English Book 3 by Sadler Hayllar Powell
- Gul Mohar Companion Eight Edition
- Gul Mohar Reader Eight Edition
- The Hound of the Baskervilles (Chapters: 6-10) by Sir Arthur Conan Doyle
- Teachers' Handouts & Worksheets

	<p>The Examination will be out of 80 marks. Internal assessment will be based on class work, homework and projects and will add up to 20%.</p>	
Bangla	<p>বই: সপ্তবর্ণা</p> <p>গদ্য: ১) বাংলাদেশের ক্ষুদ্র জাতিসত্তা ২) লখার একুশে</p> <p>ব্যাকরণ: ১) পদ পরিবর্তন ২) ক্রিয়াপদ ৩) ষত্ববিধান ৪) বিপরীত শব্দ ৫) প্রতিশব্দ ৬) এক কথায় প্রকাশ ৭) সমোচ্চারিত শব্দ-অর্থ ও বাক্যগঠন ৮) একই শব্দের ভিন্নার্থক প্রয়োগ ৯) বাক্যের অর্থগত বৈশিষ্ট্য ১০) বাগধারা ১১) ভাব-সম্প্রসারণ ১২) সারমর্ম</p>	<p>পদ্য: ১) কুলি মজুর ২) নতুন দেশ</p>

	<p>১৩) কম্প্রিহেনশন</p> <p>১৪) অনুচ্ছেদ লেখা</p> <p>১৫) বন্ধ পরিচ্ছেদ</p> <p>১৬) চিঠি</p> <p>সহায়ক বই: দুট্টু ছেলের দল</p> <p>Note: প্রয়োজনে সংযোজন ও বিয়োজন হতে পারে।</p>
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MATHEMATICS	<p>*Maths</p> <ul style="list-style-type: none"> ❖ Chapter – 9 : Ratio, Rate and Speed ❖ Chapter – 5 : Linear Equation and Simple Inequalities ❖ Chapter – 10: Basic Geometry ❖ Chapter – 12: Geometrical construction ❖ Factorization ❖ Chapter – 6 : Functions and Linear Graph
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Geography	CHAPTER		CONTENTS
	Term-2	Climate	
Rocks and soils			<ul style="list-style-type: none"> • Rocks- Types, formation, Uses • Weathering and Mass movement • Soils • Soil Erosion and Soil Management • Case Study- Desertification in Sahel
Settlement and urban growth			<ul style="list-style-type: none"> • Site and situation • Settlement types

			<ul style="list-style-type: none"> • Settlement patterns • Functions • Hierarchies • Urban land use models
<u>HISTORY</u>		Chapter	Content
		Chapter-3 The Age of Revolution	<ul style="list-style-type: none"> • The causes of American Revolution • The American Revolution: Independence • The Constitution of the USA • The causes of the French Revolution • The French Revolution
		Chapter- 4 Asia	<ul style="list-style-type: none"> • China in the 18th and 19th centuries
		Bangladesh Studies Chapter - 3 Chapter - 4	<ul style="list-style-type: none"> • Begum Sufia kamal • Problems after partition in 1947

BIOLOGY New Biology for you	Sl.No	Chapters	Topic	Book references
	1.	3	ENZYMES	New Biology for you
	2.	4	FOOD AND DIGESTION	New Biology for you
	3.	5	BREATHING AND RESPIRATION	New Biology for you
	4.	10	DISEASES	New Biology for you
Chemistry Textbook: Chemistry for you (Lawrie Ryan)	Sl. No.	Chapter No.	Name of the chapter	Topic
	1	Chapter-4	Periodic Table	Sorting the element and finding the pattern, periodic table, groups, periods, Metals, Non-metals and periodic table, Alkali metals and reactions of Alkali metal, Group 1 metals and their compounds, Transition metals and their properties, Transition metals and their compounds.
	2	Chapter-5	Groups of Non-metals	Group 7 – The Halogens, Reactivity of Halogens, Halogens and their compounds, Halogens working for or against us? Group 0 – Noble gases and their properties, Uses of Noble gases, Atomic structure and Periodic

				table, Explaining patterns in the Periodic table.
	3	Chapter-21	Metals and Structures	Metals and Metallic bonding, Super conductors and Alloys, Explaining the properties of alloy, Uses of different alloys.
	4	Chapter-23	The Atmosphere	Gasses in the air and Solubility of gases, Nitrogen gas and uses of nitrogen, Oxygen gas and uses of oxygen, Carbon di oxide gas, Carbon cycle and uses of Carbon di oxide, Ozone.
PHYSICS	Chapter 3 : Energy <ul style="list-style-type: none"> • 3.1 : work and energy • 3.2 : energy changes • 3.3 : energy calculations • 3.4 : efficiency and power I • 3.5 : efficiency and power II • 3.6 : Energy for electricity I • 3.7 : Energy for electricity II • 3.9 : Energy resources • 3.10 : saving energy • 3.11 : thermal conduction • 3.12 : convection • 3.13 : thermal radiation 			

	<p>Chapter 4 : Rays and waves</p> <ul style="list-style-type: none"> • 4.1 : rays of light • 4.2 : flat mirrors • 4.3 : bending light • 4.4 : internal reflections • 4.5 : waves • 4.7 : electromagnetic waves • 4.8 : sending signals • 4.9 : sound waves • 4.10 : speed of sound • 4.12 : high and low, loud and quiet • 4.14 : ultrasound <p>Reference to: Physics for Higher Tier</p> <p>The above chapters will be taught during the 2nd Semester.</p> <p>These chapters are a guideline from the Text Book: Physics for Higher Tier</p> <p>The teachers will follow their own pace providing additional notes, and or materials as deemed suitable for their respective sections.</p>
<p>Computer Science(C.Sc)</p> <p>BOOK: VIVA DOT COM</p> <p>(COMPUTER SCIENCE AND INFORMATION TECHNOLOGY</p>	<p>BOOK: VIVA DOT COM(COMPUTER SCIENCE AND INFORMATION TECHNOLOGY)</p> <p>CHAPTER 5: ANIMATION AND LAYERS IN FLASH</p> <p>CHAPTER6: WORKING WITH WEB BROWSER</p> <p>CHAPTER7: INTRODUCTION TO EMAIL</p> <p><u>QUESTION PATTERN</u></p> <p>F/B,T/F,ONE WORD ANSWER,FULL FORMS,DRAWING DIAGRAM/DEVICE,BOARD QUESTION,SHORT QUESTIONS.</p>

French Language	Grade 7: Module 6: Lesson 1 and 3 (page 73 -77) along with related exercises from work book
General Awareness	Text book: page 24 to 46 Handouts: 2 handouts will be provided
Business Studies	<ol style="list-style-type: none"> 1. Business Activity: The factors of production, specialization and division of labour, value addition. 2. Types of business organization: Entrepreneurship, private sector vs public sector, sole traders, partnerships, private limited company, public limited company, public corporations. 3. Common business objectives: Profit maximization, survival, growth, service to community. 4. Stakeholders of a business: Definition of stakeholders, identification of internal and external stakeholders. 5. Business departments and their functions: The marketing department, the human resource department, the finance department and the operations department and their functions.