

Syllabus

Grade-VI

Session: 2024-2025



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Ten Basic Tips to Help Stop Climate Change

Climate is defined as an area's long-term weather patterns. The simplest way to describe climate is to look at average temperature and precipitation over time. Other useful elements for describing climate include the type and the timing of precipitation, amount of sunshine, average wind speeds and directions, number of days above freezing, weather extremes, and local geography. You must consider all the factors that work together to determine climate.

Don't have a lot of time, but want to take action? Here are ten, simple, everyday things each of us can do to help stop climate change.

Change a light: Replacing a regular light bulb with a compact fluorescent one saves 150 pounds of carbon dioxide each year.

Drive less: Walk, bike, carpool, take mass transit, and/or trip chain. All of these things can help reduce gas consumption and one pound of carbon dioxide for each mile you do not drive.

Recycle more and buy recycled: Save up to 2,400 pounds of carbon dioxide each year just by recycling half of your household waste.

Check your tires: Properly inflated tires mean good gas mileage. For each gallon of gas saved, 20 pounds of carbon dioxide are also never produced.

Use less hot water: It takes a lot of energy to heat water. Reducing the amount used means big savings in not only your energy bills, but also in carbon dioxide emissions.

Avoid products with a lot of packaging: Preventing waste from being created in the first place means that there is less energy waste and fewer resources consumed.

Adjust your thermostat: Keeping your thermostat at 68 degrees in winter and 78 degrees in summer not only helps with your energy bills, but it can reduce carbon dioxide emissions as well.

Plant a tree: A single tree can absorb one ton of carbon dioxide over its lifetime.

Turn off electronic devices when not in use: Simply turning off your TV, VCR, computer and other electronic devices can save each household thousands of pounds of carbon dioxide each year.

Stay informed: Use the Earth 911 Web site to help stay informed about environmental issues, and share your knowledge with others. Together, we can and do make Every Day Earth Day!

Ref:<http://earth911.com/blog/2001/04/02>

Few Words on the Syllabus of 2024-2025

It is our utmost pleasure to introduce you to the syllabus of grade-III to X for the academic year of 2024-2025. We believe a syllabus should help students becoming more effective learners in the course. Hard work and regular studies only can enable students to achieve their desired academic success. To accomplish this aim, unit heads of those classes had been assigned for making and developing the syllabus of 8 subjects taught in different grades. Then the unit heads, with the help of subject-teachers, produce this example of collective effort to give a detailed outline about the topics and readings to be covered in the whole session. We have included CT and Hall test syllabus, question patterns and marks distribution for first and final semester of the current academic year. We have followed Cambridge Curriculum System to make it a useful learning tool. Therefore, learners of SJIS are expected to follow them and take preparations accordingly. Educational institutions should facilitate the scholastic and cognitive development (physical, mental, moral and spiritual) of the young aspirants. In order to achieve this objective, a well-planned syllabus is an essential means. As this is written on our school monogram, advancing in wisdom and virtue, we are dedicated to develop stimulated intellect of our students.

In about 182 years earlier, after the French Revolution, founder of the Congregation of Holy Cross, Blessed Basil Anthony Moreau, CS.C established the congregation with some enthusiast and dedicated brothers and prioritized education to develop his country. In order to follow his legacy Holy Cross Brothers are also serving in different educational institutions to help students transforming into an ideal human being till date.

Since some subjects might not incorporate CT syllabus but the chapters name only, students are asked to discuss these issues with the respective subject-teachers.

In addition, I want to extend my sincere thanks and appreciation to all the soul worked to develop this syllabus. Moreover, any observations or suggestions regarding this syllabus will be highly regarded. With thanks



Brother Victor Bikash D' Rozario, CSC
Vice Principal

English literature

Objectives: The prime goals for these particular literary contents are

1. To develop their analytical skill in a critical manner.
2. Assist the learners to enhance cognitive flexibility, innovation and cultural literacy to incorporate with their entity.
3. To cultivate the linguistic potentials within a proper literary context and discourse

Books: 1. Oxford reading Circle 7

2. Tales from Shakespeare

Half Yearly Syllabus

Name of the Exam	Chapters	Pattern	Marks
Half Yearly Examination	<p><u>Stories:</u></p> <ol style="list-style-type: none"> 1. Meet Tom Sawyer 2. Umpiring 3. A Drive in the Motor Car 4. My Big Brother <p><u>Poems:</u></p> <ol style="list-style-type: none"> 1. Stopping by Woods on a Snowy Evening 2. Ozymandias 3. Sonnet 18 4. Aunt Jennifer's Tiger <p><u>Dramas:</u></p> <ol style="list-style-type: none"> 1. Tempest 	Broad Question, Short Question, Poem analysis, Character Analysis, lines/ stanza explanation, one word answer, One sentence answer, True/ False, W.M.	50
CT-1	<p><u>Stories:</u></p> <ol style="list-style-type: none"> 1. Meet Tom Sawyer 2. Umpiring <p><u>Poem:</u></p> <ol style="list-style-type: none"> 1. Stopping by Woods on a Snowy Evening 	Broad Question, Short Question, Poem analysis, Character Analysis, lines/ stanza explanation, one word answer, One sentence answer, True/ False, W.M.	15
CT-2	<p><u>Drama:</u></p> <ol style="list-style-type: none"> 1. Tempest <p><u>Poem:</u></p> <ol style="list-style-type: none"> 1. Ozymandias 	Broad Question, Short Question, Poem analysis, Character Analysis, lines/ stanza explanation, one word answer, One sentence answer, True/ False, W.M.	15
	SBA		10
	Assignment/ Presentation/ Poster		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	<p><u>Stories:</u></p> <ol style="list-style-type: none"> 1. Louise 2. The Yellow Face 3. The £1,000,000 Banknote 4. The Long Exile <p><u>Poems:</u></p> <ol style="list-style-type: none"> 1. The Good Morrow 2. The Chimney Sweeper (Innocence) 3. The Chimney Sweeper (Experience) 4. Hope is the Thing with Feathers <p><u>Dramas:</u></p> <ol style="list-style-type: none"> 1. Merchant of Venice 	Broad Question, Short Question, Poem analysis, Character Analysis, lines/ stanza explanation, one word answer, One sentence answer, True/ False, W.M.	50
CT-1	<p><u>Stories:</u></p> <ol style="list-style-type: none"> 1. Louise 2. The Yellow Face <p><u>Poem:</u></p> <ol style="list-style-type: none"> 1. The Good Morrow 	Broad Question, Short Question, Poem analysis, Character Analysis, lines/ stanza explanation, one word answer, One sentence answer, True/ False, W.M.	15
CT-2	<p><u>Drama:</u></p> <ol style="list-style-type: none"> 1. Merchant of Venice <p><u>Poem:</u></p> <ol style="list-style-type: none"> 1. Hope is the Thing with Feathers 	Broad Question, Short Question, Poem analysis, Character Analysis, lines/ stanza explanation, one word answer, One sentence answer, True/ False, W.M.	15
	SBA		10
	Assignment/ Presentation/ Poster		10
	Total		100

English Language

- Books:** 1. Cambridge Lower Secondary English- Learner’s book 7 by Graham Elsdon with Esther Menon
 2. Cambridge Lower Secondary English- Workbook 7 by Graham Elsdon with Esther Menon
 3. General Certificate English by Alan Etherton

Other materials: Handouts/worksheets to be provided in class.

Half Yearly Syllabus

Name of the Exam	Chapters	Topics	Marks
CT1	1.3- Train Trouble	Language focus: simple, compound, complex, compound-complex sentence, clause	15
	2.4- Glar the master	Language Focus: Formal, informal, colloquial, contractions.	
	3.2- Predicting the story	Language Focus: Types of Nouns, Adjectives	
	Part- 4 -54 (Words in context)	General Certificate English Writing a monologue/ a spoken drama	
CT2	Part-4-55 (Antonyms, synonyms, and homonyms,) 56- pair of words	General Certificate English	15
	4.5- Miniature art	Language focus: Prefix	
	4.2- Small but precious 5.1- Unusual schools	Language focus: time connectives, noun phrase, verb phrase. Language focus- connectives. Writing a flash fiction/ interview/	
Half Yearly Examination	Part-4- 57- Phrasal Verbs 58- Prefixes and meaning	General Certificate English	50
	part-5- 63-66	General Certificate English	
	Part-2- Comprehension- passage-1-4	General Certificate English	
	Part-3- composition-37-41	General Certificate English	
	Descriptive- film review 3.5- Writing a review (Cambridge Lower Secondary Learners' Book)	Writing film review/ writing a story	
SBA			10
Assignment			10
Total			100

Annual Term Syllabus

Name of the Exam	Chapters	Topics	Marks
CT1	6.2 growing up 6.4 Becoming a parent	Language focus: Voice, embedded clauses	15
	6.5 Exploring the world 7.1 The picture gallery	Language Focus: Word choice, metaphor, personification	
		Write a narrative piece/ brochure introduction	
CT2	7.3 Hanna’s friend 7.4 The fireplace 8.1 In the city	Language Focus: simile, noun phrase, prepositional phrase	15
		Write a diary entry/ travel article	
Annual Examination	8.4 Bringing the city to life 8.5 City problems 9.1 Jaws 6.6 Changing the world	Language focus: Using punctuation, word forms, figurative language, Words and phrases.	50
	Part-5- 77- Prepositions 78- Pronouns 81- Verbs- Present Tense 82- Verbs- past tense	General Certificate English	
	Part-2- Comprehension- passage- 5,6,7,8	General Certificate English	
	Writing	Writing a speech, Comprehension	
SBA			10
Assignment			10
Total			100

N.B. Changes in the syllabus can be made if necessary. Relevant handouts will be provided in class.

Bengali

Objectives: Increase the ability to communicate, accurately, and effectively in writing.

• Enable students to use a wide range of vocabulary, and correct grammar, spelling, and punctuation.

Books: (১) বাংলা বোর্ড বই। (২) ভাষা-শিক্ষা বাংলা ব্যাকরণ ও নির্মিতি।

Half Yearly Syllabus

Name of the Exam	Chapters	Pattern	Marks
Half Yearly Examination	গল্প: ১) রোকেয়া সাখাওয়াত হোসেন ২) ম্যাজিক ৩) সুখী মানুষ ব্যাকরণ ও নির্মিতি: ১) সন্ধি ২) বাক্য ৩) সমার্থক শব্দ ৪) বাক্য সংকোচন ৫) বাগধারা ৬) পত্রলিখন: ১) বার্ষিক পরীক্ষার পরের ছুটি কীভাবে কাটিয়েছ তা জানিয়ে বন্ধুকে পত্র। ২) খেলার মাঠে যেয়ে প্রথম খেলা দেখার অভিজ্ঞতার কথা জানিয়ে বন্ধুকে পত্র লেখ।	শব্দার্থ- ৫ বানান শুদ্ধিকরণ- ৫ বাগধারা- ৫ সন্ধি বিচ্ছেদ- ৫ বাক্য সংকোচন -৫ বাক্য নির্ণয়- ৫ সমার্থক শব্দ- ৫ পত্রলিখন- ৫ প্রশ্ন- ১০	50
CT-1	প্রথম শ্রেণি পরীক্ষা গল্প- রোকেয়া সাখাওয়াত হোসেন, ম্যাজিক বাগধারা	শব্দের অর্থ- ২.৫ বানান শুদ্ধিকরণ- ২.৫ প্রশ্ন- ৫ বাগধারা- ৫	15
CT-2	দ্বিতীয় শ্রেণি পরীক্ষা বাক্য বাক্য সংকোচন পত্র	বাক্য সংকোচন -৫ বাক্য- ৫ চিঠি- ৫	15
	SBA		10
	Assignment/Presentation		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	<p>গল্প:</p> <p>১) পুতুল</p> <p>২) কীটপতঙ্গের সাথে বসবাস</p> <p>৩) আমাদের লোকশিল্প</p> <p>ব্যাকরণ ও নির্মিতি:</p> <p>১) সন্ধি</p> <p>২) বাক্য</p> <p>৩) প্রায় সমোচ্চারিত ভিন্নার্থক শব্দ</p> <p>৪) বাগধারা</p> <p>৫) বিশিষ্টার্থে শব্দের প্রয়োগ</p> <p>৬) দরখাস্ত: ১) লাইব্রেরিতে বাংলা বই বৃদ্ধির জন্য পরিচালকের নিকট আবেদন।</p> <p>২) ক্লাসে চলাকালীন হঠাৎ অসুস্থতার কারণে ছুটি চেয়ে প্রধান শিক্ষকের নিকট আবেদন।</p> <p>৩) ক্লাসে দলনেতা নির্বাচনের অনুমতি চেয়ে শ্রেণি শিক্ষকের নিকট আবেদন।</p>	<p>বানান- ৫</p> <p>শব্দার্থ-৫</p> <p>সন্ধি বিচ্ছেদ-৫</p> <p>বাক্য পরিবর্তন-৫</p> <p>বিশিষ্টার্থে শব্দের প্রয়োগ - ৫</p> <p>প্রায় সমোচ্চারিত ভিন্নার্থক শব্দ-৫</p> <p>বাগধারা-৫</p> <p>দরখাস্ত-৫</p> <p>প্রশ্ন -১০</p>	50
CT-1	<p>গল্প: কীটপতঙ্গের সাথে বসবাস, পুতুল।</p> <p>ব্যাকরণ- বাগধারা</p>	<p>শব্দের অর্থ- ২.৫</p> <p>বানান শুদ্ধিকরণ-২.৫</p> <p>প্রশ্ন-৫</p> <p>বাগধারা -৫</p>	15
CT-2	<p>প্রায় সমোচ্চারিত ভিন্নার্থক শব্দ</p> <p>সন্ধি</p> <p>দরখাস্ত: ১, ২</p>	<p>প্রায় সমোচ্চারিত ভিন্নার্থক শব্দ-৫</p> <p>সন্ধি-৫</p> <p>দরখাস্ত-৫</p>	15
	SBA		10
	Assignment/Presentation		10
	Total		100

Mathematics

Books:

1. **Cambridge Lower Secondary Mathematics LEARNER'S BOOK 8**

Authors: Lynn Byrd, Greg Byrd & Chris Pearce

2. **Cambridge Lower Secondary Mathematics WORKBOOK 8**

Authors: Lynn Byrd, Greg Byrd & Chris Pearce

Half Yearly Syllabus

Name of the Exam	Chapter / Topic	Question Pattern	Marks and Time
Half Yearly Examination	1 Integers (1.1 – 1.4) 2 Expression, formulae and equation (2.1 – 2.4) 3 Place value and rounding (3.2) 5 Angles and constructions (5.1 – 5.2) 7 Fractions (7.1 – 7.3) 8 Shapes and symmetry (8.1 – 8.2) 9 Sequences and functions (9.1 – 9.3)	Structured and unstructured questions	Marks: 50 Time: 1 hr 30 mins
CT-1	1 Integers:(1.1 – 1.4)	Structured and unstructured questions	Marks: 15 Time: 25 mins
CT-2	2 Expression, formulae and equation (2.1 – 2.4)	Structured and unstructured questions	Marks: 15 Time: 25 mins
	SBA		10
	Assignment		10
Total marks			100

Annual Term Syllabus

Name of the Exam	Chapter / Topic	Question Pattern	Marks
Annual Examination	2 Expression, formulae and equation (2.5 – 2.6) 5 Angles and constructions (5.3) 9 Sequences and functions (9.4) 10 Percentages (10.1) 11 Graphs (11.1 – 11.2) 12 Ratio and proportion (12.1 – 12.2) 13 Probability (13.1) 14 Position and transformation (14.1 – 14.4) 15 Distance, area and volume (15.1 – 15.4)	Structured and unstructured questions	Marks: 50 Time: 1 hr 30 mins

Name of the Exam	Chapter / Topic	Question Pattern	Marks
CT-1	2 Expression, formulae and equation (2.5 – 2.6) 5 Angles and constructions (5.3)	Structured and unstructured questions	Marks: 15 Time: 25 mins
CT-2	9 Sequences and functions (9.4) 10 Percentages (10.1) 11 Graphs (11.1)	Structured and unstructured questions	Marks: 15 Time: 25 min
	SBA		10
	Assignment		10
Total marks			100

Physics

Objectives: Our approach in Cambridge Physics encourages learners to be:
confident, interested in learning about science, questioning ideas and using scientific language to communicate their views and opinions

responsible, working methodically and safely when working alone or collaboratively with others

reflective, learning from their experiences and interested in scientific issues that affect the individual, the community and the environment

innovative, solving unfamiliar problems confidently and creatively

engaged, keen to develop scientific skills, curious about scientific principles and their application in the world.

Book's Name: Complete Physics for Cambridge IGCSE (Third edition) by Stephen Pople

Half Yearly Syllabus

Name of the Exam	Chapters	Question Pattern	Marks
Half Yearly Examination	Chapter-1: Measurement and units (Unit:1.01&1.02) Chapter-2 :Forces and motion (Unit:2.01&2.02) Chapter-3 :Forces and pressure (Unit:3.01) Chapter-4 :Forces and energy(Unit:4.01,4.02&4.03) Chapter-5 : Thermal effects(Unit:5.01 & 5.02) Chapter -6 :Waves and sound(Unit:6.01,6.02&6.03)	<ul style="list-style-type: none"> •True/False •Fill in the blanks •Multiple choice questions (MCQs) •Structured Question(short questions, Broad question, mathematical problems& drawing diagram) 	50
CT-1	Chapter-1: Measurement and units (Unit:1.01&1.02) Chapter-2 :Forces and motion (Unit:2.01)	<ul style="list-style-type: none"> •True/False •Fill in the blanks • Multiple Choice questions (MCQs) •Structured Question(short questions, Broad question, mathematical problems & drawing diagram) 	15

CT-2	Chapter-3 :Forces and pressure (Unit:3.01) Chapter-4 :Forces and energy (Unit:4.01&4.02)	<ul style="list-style-type: none"> •True/False •Fill in the blanks • Multiple Choice questions (MCQs) •Structured Question(short questions, Broad question, mathematical problems & drawing diagram) 	15
	SBA		10
	Assignment/Lab Copy/ Presentation/ Scrap Book		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	Chapter-5: Thermal effects (Unit:5.04&5.05) Chapter-7:Ray and Waves and (Unit:7.01,7.02&7.03) Chapter-8: Electricity (Unit:8.01,8.02&8.03) Chapter-9: Magnets and Currents (Unit:9.01&9.02)	<ul style="list-style-type: none"> • True/False •Fill in the blanks •Multiple choice questions (MCQs) •Structured Question(short questions, Broad question, mathematical problems & drawing diagram) 	50
CT-1	Chapter -5: Thermal effects (Unit: 5.04&5.05) Chapter -7: Rays and waves (Unit: 7.01)	<ul style="list-style-type: none"> •True/False •Fill in the blanks •Multiple choice questions (MCQs) •Structured Question(short questions, Broad question, mathematical problems & drawing diagram) 	15
CT-2	Chapter-7:Ray and Waves (Unit:7.02&7.03) Chapter-8: Electricity (Unit:8.01)	<ul style="list-style-type: none"> •True/False •Fill in the blanks •Multiple choice questions (MCQs) •Structured Question(short questions, Broad question , mathematical problems & drawing diagram) 	15
	SBA		10
	Assignment/Lab Copy/ Presentation/ Scrap Book		10
	Total		100

Chemistry

Objective:

Approaching this syllabus for grade 6 Chemistry the learners will be beneficiary in many ways.

- It will help students for the next step of their education, to become confident, responsible, reflective, innovative and engaged.
- Learners will get a thorough knowledge and understanding of the subject matters and get help to develop their skills and the knowledge acquired to solve problems in everyday life, including the sustainability issues and the challenges facing our environment.
- It will help learners to develop a life-long curiosity about the natural world and enables them to seek scientific explanations to the phenomena around them.

Book:

1. **New Coordinated Science: Chemistry for Higher Tier. (3rd Edition)**

Authors: RoseMarie Gallagher and Paul Ingram

Half Yearly Syllabus

Name of the Exam	Chapters	Pattern	Marks
Half Yearly Examination	<p>Chapter 1: Atoms – the big idea 1.01 Atoms, elements and compounds 1.02 More about atoms 1.03 Isotopes and A_r 1.04 How electrons are arranged</p> <p>Chapter 2: Bonding 2.01 Why compounds form 2.02 The ionic bond 2.03 Some other ions 2.04 Ionic compounds and their properties 2.05 The covalent bond 2.06 Covalent substances 2.07 Metals: more giant structures</p> <p>Chapter 7: Reactions, equations and amounts 7.04 Equations for chemical reactions</p> <p>Chapter 10: Useful materials from crude oil 10.07 Oil and the environment 10.08 Global warming</p> <p>Further topics: FT1 Revision: solids, liquids and gases FT2 A closer look at gases</p>	<p>1. Objective type questions (MCQ/Fill in the blanks/True or False etc.)</p> <p>2. Short questions</p> <p>3. Structured questions</p>	50
CT-1	<p>Chapter 1: Atoms – the big idea 1.01 Atoms, elements and compounds 1.02 More about atoms 1.03 Isotopes and A_r 1.04 How electrons are arranged</p>	<p>1. Objective type questions (MCQ/Fill in the blanks/True or False etc.)</p> <p>2. Structured questions</p>	15

CT-2	Chapter 2: Bonding 2.01 Why compounds form 2.02 The ionic bond 2.03 Some other ions 2.04 Ionic compounds and their properties	1. Objective type questions (MCQ/Fill in the blanks/True or False etc.) 2. Structured questions	15
SBA			10
Assignment			10
Total			100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	Chapter 3: Acids and bases 3.01 Acids and alkalis 3.02 The reactions of acids 3.03 A closer look at neutralization 3.04 Acids and alkalis in everyday life Chapter 4: The metals 4.01 Metals and the periodic table 4.02 How the periodic table developed 4.03 Group 1: the alkali metals 4.04 The patterns within Group 1 4.05 The transition metals 4.06 Metals and reactivity 4.07 The reactivity series Chapter 11: The Earth 11.01 The atmosphere past and present 11.02 The atmosphere in balance 11.03 What have we done to the ozone layer? Chapter 12: Rocks 12.04 Limestone and its uses Further topics: FT4 Soft and hard water FT5 Making hard water soft	1. Objective type questions (MCQ/Fill in the blanks/True or False etc.) 2. Structured questions	50
CT-1	Chapter 3: Acids and bases 3.01 Acids and alkalis 3.02 The reactions of acids 3.03 A closer look at neutralization 3.04 Acids and alkalis in everyday life	1. Objective type questions (MCQ/Fill in the blanks/True or False etc.) 2. Structured questions	15
CT-2	Chapter 4: The metals 4.01 Metals and the periodic table 4.02 How the periodic table developed 4.03 Group 1: the alkali metals	1. Objective type questions (MCQ/Fill in the blanks/True or False etc.) 2. Structured questions	15

Name of the Exam	Chapters	Pattern	Marks
	4.04 The patterns within Group 1		
SBA			10
Assignment			10
Total			100

Biology

Objectives: Students should study Biology to produce the following outcomes:

1. Ability to explain the living world in terms of scientific principles and appreciating all organisms which behave in different ways.
2. Ability to formulate questions about nature and living things and answers from observation and interpretation of natural phenomena,
3. Satisfy the curiosity of the students and helps in answering the fundamental questions about life.

Book: New Biology for You by Gareth Williams

Half Yearly Syllabus

Name of the Exam	Chapters	Pattern	Marks
Half Yearly Examination	Chapter 1: Cells i. Plant cells and animal cells ii. Similarities and differences between plant cells and animal cells iii. Specialized cells iv. Unicellular, Multicellular v. Tissues and organs vi. Plant organs Chapter 4: Food and Digestion i. Components of food ii. Their sources and functions iii. Different parts of the digestive systems and their functions Chapter 5: Breathing and Respiration i. Breathing system ii. Breathing mechanism iii. Alveolus iv. Respiration	1. Creative/Structured Questions, 2. Short-Answer Questions, 3. Key words 4. Multiple Choice Questions, 5. Fill in the blanks, 6. True or False Questions, 7. Labeling/Drawing	50
CT-1	Chapter 1: Cells i. Plant cells and animal cells ii. Similarities and differences between plant cells and animal cells iii. Specialized cells iv. Unicellular, Multicellular v. Tissue, Organ	1. Creative/Structured Questions, 2. Short-Answer Questions, 3. Fill in the blanks 4. Multiple Choice Questions, 5. Labeling/Drawing	15

CT-2	Chapter 4: Food and Digestion i. Components of food ii. Their sources and functions iii. Different parts of the digestive systems and their functions	1. Creative/Structured Questions 2. Short Answer Questions 3. Key words 4. True or False Questions, 5. Labeling/Drawing	15
	SBA		10
	Lab Copy & Assignment & Presentation		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	Chapter 6: Blood and circulation i. Circulatory system ii. Open and closed circulation iii. Single and double circulation iv. Blood vessels v. Structure of the heart vi. Blood and its components Chapter 12: Feeding in plants i. Photosynthesis ii. Raw materials for photosynthesis iii. Products of photosynthesis iv. Important of photosynthesis Chapter 13: Plant transport i. Xylem and phloem ii. Vascular bundle iii. Cambium cells iv. Inside the root v. Inside the stem Chapter 19: Energy and nutrient transfer i. Producers and consumers ii. Food chains iii. Food web iv. Food pyramid	1. Creative/Structured Questions 2. Short Answer Questions 3. Key words 4. Multiple Choice Questions 5. Fill in the blanks 6. True or False Questions 7. Drawing & Labeling diagram	50

CT-1	Chapter 12: Feeding in plants i. Photosynthesis ii. Raw materials for photosynthesis iii. Products of photosynthesis iv. Important of photosynthesis	1. Creative/Structured Questions 2. Short-Answer Questions, 3. Fill in the blanks 4. Multiple Choice Questions, 5. Labeling/Drawing	15
CT-2	Chapter 6: Blood and circulation i. Circulatory system ii. Open and closed circulation iii. Single and double circulation iv. Blood vessels	1. Creative/Structured Questions, 2. Short-Answer Questions, 3. Key words 4. True or False Questions, 5. Labeling/Drawing	15
	SBA		10
	Lab Copy & Assignment & Presentation		10
	Total		100

Computer Science

Objective: The aims describe the purpose of a course based on the syllabus.

The aims are to enable students to develop:

- ❖ Computational thinking skills.
- ❖ An understanding of the main principles of solving problems using computers.
- ❖ The skills necessary to solve computer-based problems using a high-level programming language.
- ❖ An understanding of the component parts of computer systems and how they interrelate.
- ❖ An understanding of the internet as a means of communication and its associated risks.
- ❖ An understanding of the development and use of automated and emerging technology.

Book: Click Start: Computer Science for Schools Book 7 (Revised Edition)

Authors: Anjna Virmani and Shalini Harisukh

Half Yearly Syllabus

Name of the Exam	Chapters	Pattern	Marks
Half Yearly Examination	Chapter 1: Network Communication and Mobile OS	True/False, Fill in the blanks, Matching, MCQ, One Sentence Question Answer, Short Questions, Broad Questions, Diagram and Labeling	50
	Chapter 2: Creating Tables in MS Word 2010		
	Chapter 3: MS Excel 2010 Advanced Features		
	Chapter 4: Introduction to Programming Concepts		
CT 1	Chapter 1: Network Communication and Mobile OS	True/False, Fill in the blanks, MCQ, One Sentence Question Answer, Short Questions, and Labeling	15
CT 2	Chapter 4: Introduction to Programming Concepts		15
SBA+ Surprise test			10
Assignment/Lab Work			10
Total			100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	Chapter 8: Introduction to HTML	True/False, Fill in the blanks, Matching, MCQ, One Sentence Question Answer, Short Questions, Broad Questions, Diagram and Labeling	50
	Chapter 9: Elementary HTML		
	Chapter 12: World Wide Web		
CT 1	Chapter 8: Introduction to HTML	True/False, Fill in the blanks, MCQ, One Sentence Question	15

CT 2	Chapter 12: World Wide Web	Answer, Short Questions, and Labeling	15
SBA+ Surprise test			10
Assignment/Lab Work			10
Total			100

***Syllabus and question pattern can be changed or altered due to the time frame.

Bangladesh Studies

Objectives:

- To get sound knowledge about the history and culture of Bangladesh.
- To know about the social, cultural, economic, environmental issues and conditions of Bangladesh.
- To learn about the interrelation between national and international organizations.
- To get concern about one's rights as a citizen of Bangladesh.

Book: Bangladesh and Global Studies: Class Six (NCTB)

Half Yearly Syllabus

Name of the Exam	Chapters	Pattern	Marks
Half Yearly Examination	Chapter 1: History of Bangladesh Chapter 3: Bangladesh in the Global Geographical Environment. Chapter 7: Economy of Bangladesh. Chapter 9: Environment of Bangladesh.	MCQ, Matching, One sentence answer, True/False, Short Questions, Broad Questions, Draw and fill the table.	50
CT-1	Chapter 3: Bangladesh in the Global Geographical Environment	MCQ, Matching, True/False, One sentence answer, Short question, Broad question.	15
CT-2	Chapter 6: Culture of Bangladesh	MCQ, Matching, True/False, One sentence answer, Short question, Broad question.	15
	SBA		10
	Assignment/Lab Copy/ Presentation/ Scrap Book		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	Chapter-2: Bangladesh & World Civilization. Chapter-8: Bangladesh & Her Citizens. Chapter: 10: Rights of Children in Bangladesh. Chapter-12: Bangladesh & Regional Co-operation. Chapter-13: Sustainable Development Goals.	MCQ, Matching, One sentence answer, True/False, Short Questions, Broad Questions, Draw and fill the table.	50

CT-1	Chapter-2: Bangladesh & World Civilization.	MCQ, Matching, True/False, One word/sentence answer, Short question.	15
CT-2	Chapter-8: Bangladesh & Her Citizens.	MCQ, Matching, True/False, One word/sentence answer, Short question.	15
	SBA		10
	Assignment/Lab Copy/ Presentation/ Scrap Book		10
	Total		100

Geography

Objectives:

- To know about different forest & coastal areas, their issues, and solutions for better management
- To understand the condition of rural and urban areas and their development in the quality of life
- To study the weather, its various events, and ways to make the most out of it
- To learn about the physical, economic, and social aspects of countries like Kenya and Spain

Book: Geography in Action (Book 2)

World Map

Half Yearly Syllabus

Name of the Exam	Chapters	Question Pattern	Marks
Half Yearly Examination	Chapter-1: Global Environment Chapter-3: Rural Development Chapter-5: Kenya	Matching MCQ One Word Q/A One sentence Q/A Question/Answer Drawing and Labelling Complete the table Creative Questions	50
CT-1	Chapter-1: Global Environment	Matching, One sentence Q/A, MCQ, Q/A, Creative Questions	15
CT-2	Chapter-4: Working in the city	Matching, One sentence Q/A, MCQ, Q/A, Creative Questions	15
	SBA		10
	Assignment/Scrapbook/ Poster Making/Presentation		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Question Pattern	Marks
Annual Examination	Chapter-2: Coastal Environment Chapter-7: Pressures on the Mediterranean Chapter-8: Spain	Matching MCQ One Word Q/A One sentence Q/A Question/Answer Drawing and Labelling	50

		Complete the table Creative Questions	
CT-1	Chapter-2: Coastal Environment	Matching, One sentence Q/A, MCQ, Q/A, Creative Questions	15
CT-2	Chapter-6: Making the most of the weather	Matching, One sentence Q/A, MCQ, Q/A, Creative Questions	15
	SBA		10
	Assignment/Scrapbook/ Poster Making/Presentation		10
	Total		100

***Syllabus can be changed or altered because of Time Frame.

History

Objectives:

1. Understanding the development of humans from the beginnings of Buddhism, Christianity and Islam up to the Middle Ages.
2. To know how East and West connected and Traded.
3. To know the Importance and Effects of The Voyages of Discovery.
4. Understanding and learning about Renaissance periods and it's effects.
5. To know the Importance about the Reformation
6. Taking an innovative approach to the teaching of history.

Book's Name: *The Oxford History Project (Book Two) by Peter Moss*

Half Yearly Syllabus

Name of the Exam	Chapters	Question Pattern	Marks
Half Yearly Examination	<p>Chapter 1: Buddhism</p> <ul style="list-style-type: none"> • <i>The life teaching of Buddha</i> • <i>The spread of Buddhism</i> • <i>Buddhism in China</i> • <i>The effects of Buddhism in China</i> <p>Chapter 2: Christianity</p> <ul style="list-style-type: none"> • <i>The beginning of Christianity</i> • <i>The spread of Christianity</i> • <i>Christianity in the Dark Ages</i> • <i>The Age of Church Building</i> <p>Chapter 3: Life in the Middle Ages</p> <ul style="list-style-type: none"> • <i>The Feudal system</i> • <i>The Medieval Village</i> • <i>Town in the Middle Ages</i> • <i>The guilds</i> <p>Chapter 4: Islam</p> <ul style="list-style-type: none"> • <i>The Beginnings of Islam</i> • <i>The Teaching of Islam</i> • <i>The spread of Islam</i> • <i>The Civilization of Islam I</i> • <i>The Civilization of Islam II: Building and Arts</i> 	<ul style="list-style-type: none"> • Word meaning • True/False • Fill in the blanks • Multiple choice questions (MCQs) • One sentence Question Answer • short questions, • Broad questions • Picture description 	50

CT-1	Chapter 1: Buddhism <ul style="list-style-type: none"> • <i>The life teaching of Buddha</i> • <i>The spread of Buddhism</i> • <i>Buddhism in China</i> • <i>The effects of Buddhism in China</i> 	<ul style="list-style-type: none"> • Word meaning • True/False • Fill in the blanks • Short question • One sentence Question Answer • Broad questions 	15
CT-2	Chapter 2: Christianity <ul style="list-style-type: none"> • <i>The beginning of Christianity</i> • <i>The spread of Christianity</i> • <i>Christianity in the Dark Ages</i> • <i>The Age of Church Building</i> 	<ul style="list-style-type: none"> • Word meaning • True/False • Fill in the blanks • Short questions • One sentence Question Answer • Broad question 	15
	SBA		10
	Assignment/Lab Copy/ Presentation/ Scrap Book		10
	Total		100

Annual Term Syllabus

Name of the Exam	Chapters	Pattern	Marks
Annual Examination	Chapter 5: The contact between East and West <ul style="list-style-type: none"> • <i>The crusade</i> • <i>What the European Learned from the Arabs</i> • <i>Europe begins to Trade with Asia</i> • <i>The Mongols open up China to the West</i> • <i>The Polos: The west first comes to the East</i> Chapter 6: The voyages of discovery <ul style="list-style-type: none"> • <i>The voyages of discovery I</i> • <i>The voyages of discovery II</i> • <i>The effects of the voyages discovery: the New World</i> • <i>The effects of discovery: the sea road to the East</i> Chapter 7: The Renaissance <ul style="list-style-type: none"> • <i>The Renaissance</i> • <i>Why the Renaissance took place</i> • <i>Renaissance building</i> • <i>The art of the Renaissance</i> • <i>Science and technology in the Renaissanc</i> • <i>Renaissance man- Leonardo da Vinci</i> Chapter 8: The Reformation <ul style="list-style-type: none"> • <i>The causes of Reformation</i> • <i>The Reformation: Luther and the Protestant Church</i> • <i>The Catholic Church fights back</i> 	<ul style="list-style-type: none"> • Word meaning • True/False • Fill in the blanks • Multiple choice questions (MCQs) • One sentence Question Answer • short questions, • Broad questions • Picture description 	50

CT-1	Chapter 5: The contact between East and West <ul style="list-style-type: none"> • <i>The crusade</i> • <i>What the European Learned from the Arabs</i> • <i>Europe begins to Trade with Asia</i> • <i>The Mongols open up China to the West</i> • <i>The Polos: The west first comes to the East</i> 	<ul style="list-style-type: none"> • Word meaning • True/False • Fill in the blanks • Short questions • One sentence Question Answer • Broad question 	15
CT-2	Chapter 6: The voyages of discovery <ul style="list-style-type: none"> • <i>The voyages of discovery I</i> • <i>The voyages of discovery II</i> • <i>The effects of the voyages discovery: the New World</i> • <i>The effects of discovery: the sea road to the East</i> 	<ul style="list-style-type: none"> • Word meaning • True/False • Fill in the blanks • Short questions • One sentence Question Answer • Broad question 	15
	SBA		10
	Assignment/Lab Copy/ Presentation/ Scrap Book		10
	Total		100