



## **BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**

### **STD - X**

- **BOOK LIST 2023 - 24**
- **SYLLABUS 2023 - 24**

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**

**BOOK LIST 2023 - 24**

**STD - X**

**Text Books:**

<b>Subject</b>	<b>Name of Books</b>	<b>Author/publishers</b>
English Language	1. Cambridge O Level English Language Coursebook 3rd Edition	Graham Elsdon, Helen Rees-Bidder, Helen Toner and Patrick Creamer Pub: Cambridge University Press
	2. Cambridge O Level English Language 2nd Edition	John Reynolds and Patricia Acres Pub: Hodder Education
Bangla	আমাদের ব্যকরণ ও রচনা	Supplied by SEMC
	Past Paper	
Maths D	Cambridge O Level Mathematics Course book (Second edition)	Audrey Simpson Pub: Cambridge University Press  (Original book with digital access for one Year)
	Cambridge O Level Maths D year wise question Paper	
Additional Mathematics	1. Cambridge IGCSE and O Level Additional Mathematics (Coursebook) -Second edition	Sue Pemberton Pub: Cambridge University Press (Original book with digital access for one Year)
	2. Cambridge O Level Add Maths year wise question Paper	
Biology	1. Cambridge O'level Biology	Hodder Education
	2. Cambridge IGCSE Biology (Latest Edition)	Lam Peng Kwan and Eric Y.K.. Lam Pub : Marshall Cavendish Education
Chemistry	Chemistry Matters GCE 'O'Level, 3rd Edition	By- Ten Yien Toon Published by- Marshall Cavendish
Physics	1. Cambridge O Level Physics	Heather Kennett, Tom Duncan, Pub: Hodder Education
	2. Cambridge O Level Physics year wise question paper (5054) paper-1, paper-2 and paper-3.	
Computer Science	Cambridge IGCSE and O Level Computer Science (Second Edition)	By – David Watson and Helen Williams Pub: Hodder Education
	Cambridge IGCSE and O Level Computer Science Programming Book for Python Latest Edition	By – Chris Roffey Pub: Cambridge University Press (Original book with digital access for one Year)
Accounting	1. Cambridge O' Level Principles of Accounts	Catherine Coucom Pub: Cambridge University Press (Original book with digital access for one Year)
	2. Business Accounting 1 (Latest Edition)	Frank Wood & A Sangter Pub: Stanley Thornes
Business Studies	1. Cambridge IGCSE Business Studies (Latest Edition)	Karen Borrington , Peter Stimpson Pub: Cambridge University Press (Original book with digital access for one Year)
Economics	1. Cambridge IGCSE & O Level Economics Course Book (Latest Edition)	Susan Grant Pub : University of Cambridge International Examinations

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: BANGLA**

Name of the Books	Mid Term		Final Term	
		Total No of Working Days:	100	Total No of Working Days:
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:	20	Total No of Classes:	12
	<b>MOCK : 1 syllabus</b>		<b>MOCK : 3 syllabus</b>	
	<b>Model Test :1</b> সন্ধি, বাগধারা- প্রবাদ প্রবচন, বাক্য রূপান্তর No of Classes : 3 No of Test Review Classes :1		<b>Model Test :1</b> সন্ধি, বাগধারা- প্রবাদ প্রবচন, বাক্য রূপান্তর No of Classes : 4 No of Test Review Classes :1	
	<b>Model Test :2</b> চিঠি/ প্রতিবেদন/ ভাষণ/ সংলাপ No of Classes : 3 No of Test Review Classes :1		<b>Model Test : 2</b> চিঠি/ প্রতিবেদন/ ভাষণ/ সংলাপ No of Classes : 3 No of Test Review Classes :1	
	<b>Model Test :3</b> ক্লোজ পরিচ্ছেদ/ অনুচ্ছেদ থেকে প্র/ উ ও শব্দার্থ No of Classes : 3 No of Test Review Classes :1		<b>Model Test : 3</b> ক্লোজ পরিচ্ছেদ/ অনুচ্ছেদ থেকে প্র/ উ ও শব্দার্থ/ M/C/Q No of Classes : 2 No of Test Review Classes : 1	
	<b>MOCK : 2 syllabus</b>			
	<b>Model Test :1</b> চিঠি/ প্রতিবেদন/ ভাষণ/ সংলাপ No of Classes : 2 No of Test Review Classes :			
	<b>Model Test : 2</b> সন্ধি, বাগধারা- প্রবাদ প্রবচন, বাক্য রূপান্তর No of Classes : 2 No of Test Review Classes :			
	<b>Model Test : 3</b> ক্লোজ পরিচ্ছেদ/ অনুচ্ছেদ থেকে প্র/ উ ও শব্দার্থ/ M/C/Q No of Classes : 2 No of Test Review Classes :			
<b>Types of Question &amp; Distribution of Marks</b>	<b>P1</b>	90	<b>P1</b>	90
	১. চিঠি/ প্রতিবেদন	30	১. চিঠি/ প্রতিবেদন	30
	২. রচনা	60	২. রচনা	60
	<b>P2</b>	110	<b>P2</b>	110
	১. সন্ধি	5X2 = 10	১. সন্ধি	5X2 = 10
	২. বাগধারা/ প্রবাদ- প্রবচন/ জোড়াশব্দ	5X2 = 10	২. বাগধারা/ প্রবাদ- প্রবচন/ জোড়াশব্দ	5X2 = 10
	৩. বাক্য রূপান্তর	5X2 = 10	৩. বাক্য রূপান্তর	5X2 = 10
	৪. ক্লোজ পরিচ্ছেদ	10X2 = 20	৪. ক্লোজ পরিচ্ছেদ	10X2 = 20
	৫. অনুচ্ছেদ থেকে M/C/Q	7X2 = 14	৫. অনুচ্ছেদ থেকে M/C/Q	7X2 = 14
	৬. অনুচ্ছেদ থেকে প্র/উ ও শব্দার্থ	6X6 = 36	৬. অনুচ্ছেদ থেকে প্র/উ ও শব্দার্থ	6X6 = 36
		5X2 =10		5X2 =10

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: ENGLISH LANGUAGE**

Name of the Books	Mid Term		Final Term	
	Total No of Working Days:	100	Total No of Working Days:	90
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:		Total No of Classes:	
	<b><u>MOCK : 1 syllabus</u></b>  <b>Model Test :1</b>  No of Classes : No of Test Review Classes :  <b>Model Test :2</b>  No of Classes : No of Test Review Classes :  <b>Model Test :3</b>  No of Classes : No of Test Review Classes :		<b><u>MOCK : 3 syllabus</u></b>  <b>Model Test :1</b>  No of Classes : No of Test Review Classes :  <b>Model Test : 2</b>  No of Classes : No of Test Review Classes :  <b>Model Test : 3</b>  No of Classes : No of Test Review Classes :	
	<b><u>MOCK : 2 syllabus</u></b>  <b>Model Test :1</b>  No of Classes : No of Test Review Classes :  <b>Model Test : 2</b>  No of Classes : No of Test Review Classes :  <b>Model Test : 3</b>  No of Classes : No of Test Review Classes :			
<b>Types of Question &amp; Distribution of Marks</b>				

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023 - 24**  
**STD – X**  
**SUBJECT: MATHEMATICS D**

Name of the Books	Mid Term		Final Term	
<p>Cambridge O Level Mathematics Course book (Second edition) Audrey Simpson Pub: Cambridge University Press</p> <p>Cambridge O Level Maths D year wise question Paper</p>	Total No of Working Days:	100	Total No of Working Days:	90
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:	27	Total No of Classes:	12
	<b><u>MOCK : 1 syllabus</u></b>		<b><u>MOCK : 3 syllabus</u></b>	
	<b>Number, Squares, Square roots, Cubes and            Cube roots Directed numbers, vulgar and            Decimal fractions and percentages,            standard form, Estimation, Limits of            accuracy, Ratio, Proportion, Rate, Time,            Money, Personal and small business            finance, Algebraic representation and            formulas, Algebraic manipulation,            Indices, Solutions of equations and            inequalities, Sequences, Variation            Function notation, Geometrical terms,            Geometrical Constructions, Similarity            and Congruence, Symmetry, Angles, Loci,            Set language and notation, Coordinate            Geometry, Measures, Mensuration,            Trigonometry, Transformations,            Matrices, Vectors in two dimensions</b>		<b>Full Syllabus</b>  <b><u>Model Test :1</u></b> <b>Number, Squares, Square roots, Cubes and            Cube roots Directed numbers, vulgar and            Decimal fractions and percentages,            standard form, Estimation, Limits of            accuracy, Ratio, Proportion, Rate, Time,            Money, Personal and small business            finance, Algebraic representation and            formulas, Algebraic manipulation, Indices,            Solutions of equations and inequalities,            Sequences, Variation Function notation.</b>	
	<b><u>Model Test :</u></b> <b>Number, Squares, Square roots, Cubes            and            Cube roots Directed numbers, vulgar and            Decimal fractions and percentages,            standard form, Estimation, Limits of            accuracy, Ratio, Proportion, Rate, Time,            Money, Personal and small business            finance, Algebraic representation and            formulas, Algebraic manipulation.</b>		No of Classes : 03 No of Test Review Classes : 01	
	No of Classes : 03 No of Test Review Classes : 01		<b><u>Model Test : 2</u></b> <b>Geometrical terms, Geometrical            Constructions, Similarity and Congruence,            Symmetry, Angles, Loci, Set language and            notation, Coordinate Geometry, Measures,            Mensuration, Trigonometry, Matrices,            Transformations,</b>	
	No of Classes : 03 No of Test Review Classes : 01		No of Classes : 03 No of Test Review Classes : 01	
	<b><u>Model Test :2</u></b> <b>Indices, Solutions of equations and            inequalities, Sequences, Variation            Function notation, Geometrical terms,            Geometrical Constructions, Similarity            and Congruence, Symmetry, Angles, Loci,            Set language and notation.</b>		<b><u>Model Test : 3</u></b> <b>Graphs of functions, Graphs in practical            situations, Graphical representation of            inequalities, Probability, Categorical,            Numerical and grouped data, Statistical            diagrams, Vectors in two dimensions,</b>	
	No of Classes : 05 No of Test Review Classes : 01		No of Classes : 03 No of Test Review Classes : 01	
<b><u>Model Test :3</u></b> <b>Coordinate Geometry, Measures,            Mensuration, Trigonometry,            Transformations, Matrices, Vectors in            two dimensions.</b>				
No of Classes : 03 No of Test Review Classes : 01				

	<p><b><u>MOCK : 2 syllabus</u></b></p> <p><b>Full Syllabus</b></p> <p><b><u>Model Test :1</u></b>  <b>Graphs of functions, Graphs in practical situations, Graphical representation of inequalities, Transformations, Matrices, Indices, Solutions of equations and inequalities, Sequences, Variation, Function notation, Set language and notation.</b></p> <p>No of Classes : 04  No of Test Review Classes : 01</p> <p><b><u>Model Test : 2</u></b>  <b>Probability, Categorical, Numerical and grouped data, Statistical diagrams, Vectors in two dimensions, Number, Squares, Square roots, Cubes and Cube roots Directed numbers, vulgar and Decimal fractions and percentages, standard form, Estimation, Limits of accuracy, Ratio, Proportion, Rate, Time, Money, Personal and small business finance</b></p> <p>No of Classes : 04  No of Test Review Classes : 01</p> <p><b><u>Model Test : 3</u></b>  <b>Geometrical Constructions, Similarity and Congruence, Symmetry, Angles, Loci, Set language and notation, Coordinate Geometry, Measures, Mensuration, Trigonometry.</b></p> <p>No of Classes : 02  No of Test Review Classes : 01</p>														
<p><b>Types of Question &amp; Distribution of Marks</b></p>	<p><b>Mock 1 &amp; 2</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Paper 1</td> <td style="text-align: right;">= 80</td> </tr> <tr> <td>Paper 2</td> <td style="text-align: right;"><u>= 100</u></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">= 180</td> </tr> </table> <p><b><u>Marks Weighing</u></b></p> <p>Paper 1 – 50% from Converted 100</p> <p>Paper 2- 50% from 100</p>	Paper 1	= 80	Paper 2	<u>= 100</u>	Total	= 180	<p><b>Mock 3</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Paper 1</td> <td style="text-align: right;">= 80</td> </tr> <tr> <td>Paper 2</td> <td style="text-align: right;"><u>= 100</u></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">= 180</td> </tr> </table> <p><b><u>Marks Weighing</u></b></p> <p>Paper 1 – 50% from Converted 100</p> <p>Paper 2- 50% from 100</p>		Paper 1	= 80	Paper 2	<u>= 100</u>	Total	= 180
Paper 1	= 80														
Paper 2	<u>= 100</u>														
Total	= 180														
Paper 1	= 80														
Paper 2	<u>= 100</u>														
Total	= 180														

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**

**YEARLY SYLLABUS 2023-2024**

**STD – X**

**SUBJECT: PHYSICS**

Name of the Books	Mid Term		Final Term	
	Total No of Working Days:	100	Total No of Working Days:	90
Total No of Actual Class Days:	43	Total No of Actual Class Days:	20	
Total No of Classes:	26	Total No of Classes:	12	
	<b><u>MOCK : 1 syllabus</u></b> <b>6 Space physics</b> No of Classes : 06 No of Test Review Classes : 02 <b>Mock: Full O Level Syllabus</b>  <b>Model Test :1</b> <b>1 Motion, forces and energy</b> <b>2 Thermal physics</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test :2</b> <b>3 Waves</b> <b>4 Electricity and magnetism</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test :3</b> <b>5 Nuclear physics</b> <b>Space physics</b> No of Classes : 02 No of Test Review Classes : 01		<b><u>MOCK : 3 syllabus</u></b> <b>Full O Level Syllabus</b>  <b>Model Test :1</b> <b>1 Motion, forces and energy</b> <b>2 Thermal physics</b> No of Classes : 03 No of Test Review Classes : 01  <b>Model Test :2</b> <b>3 Waves</b> <b>4 Electricity and magnetism</b> No of Classes : 03 No of Test Review Classes : 01  <b>Model Test :3</b> <b>5 Nuclear physics</b> <b>Space physics</b> No of Classes : 03 No of Test Review Classes : 01	
	<b><u>MOCK :2 syllabus</u></b> <b>Full O Level Syllabus</b>  <b>Model Test :1</b> <b>1 Motion, forces and energy</b> <b>2 Thermal physics</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test :2</b> <b>3 Waves</b> <b>4 Electricity and magnetism</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test :3</b> <b>5 Nuclear physics</b> <b>6 Space physics</b> No of Classes : 02 No of Test Review Classes : 01			
<b>Types of Question &amp; Distribution of Marks</b>	MCQ 40	Structured Question 80	MCQ 40	Structured Question 80
	Practical 40		Practical 40	
	<b>Total 160</b>		<b>Total 160</b>	

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: CHEMISTRY**

Name of the Books	Mid Term		Final Term	
		Total No of Working Days:	100	Total No of Working Days:
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:	26	Total No of Classes:	12
Chemistry Matters for GCE O level by Tan Yien Toon Published by- Marshall Cavendish	<b><u>MOCK : 1 syllabus</u></b> <b>Topic 11 Organic chemistry</b> <b>Topic 12 Experimental techniques and chemical analysis</b> No of Classes : 06 No of Test Review Classes : 02  <b>Mock: Full O Level Syllabus</b>  <b>Model Test :1</b> <b>Topic 11 Organic chemistry</b> <b>Topic 12 Experimental techniques and chemical analysis</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test :2</b> <b>Topic 3 Stoichiometry</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test :3</b> <b>Topic 4 Electrochemistry</b> <b>Topic 5 Chemical energetics</b> No of Classes : 02 No of Test Review Classes : 01		<b><u>MOCK : 3 syllabus</u></b> <b>Full O Level Syllabus</b>  <b>Model Test :1</b> <b>Topic 1 States of matter</b> <b>Topic 2 Atoms, elements and compounds</b> <b>Topic 3 Stoichiometry</b> <b>Topic 4 Electrochemistry</b>  No of Classes : 03 No of Test Review Class : 01  <b>Model Test : 2</b> <b>Topic 5 Chemical energetics</b> <b>Topic 6 Chemical reactions</b> <b>Topic 7 Acids, bases and salts</b> <b>Topic 8 The Periodic Table</b>  No of Classes : 03 No of Test Review Class : 01  <b>Model Test : 3</b> <b>Topic 9 Metals</b> <b>Topic 10 Chemistry of the environment</b> <b>Topic 11 Organic chemistry</b> <b>Topic 12 Experimental techniques and chemical analysis</b> No of Classes : 03 No of Test Review Class : 01	
	<b><u>MOCK : 2 syllabus</u></b>  <b>Mock: Full O Level Syllabus</b>  <b>Model Test :1</b> <b>Topic 6 Chemical reactions</b> <b>Topic 7 Acids, bases and salts</b> No of Classes : 02 No of Test Review Classes : 01  <b>Model Test : 2</b> <b>Topic 8 The Periodic Table</b> <b>Topic 9 Metals</b> No of Classes : 02 No of Test Review Classes : 01			



	<b>Model Test : 3</b> <b>Topic 1 States of matter</b> <b>Topic 2 Atoms, elements and compounds</b> <b>Topic 10 Chemistry of the environment</b> No of Classes : 02 No of Test Review Classes : 01	
<b>Types of Question &amp; Distribution of Marks</b>	MCQ 40 (Converted to 30%) Structured Question 80 (Converted to 50%) Practical Test or Alternative to Practical 40 (Converted to 20%) <hr/> Total marks in 100%	MCQ 40 (Converted to 30%) Structured Question 80 (Converted to 50%) Practical Test or Alternative to Practical 40 (Converted to 20%) <hr/> Total marks in 100%

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: BIOLOGY**

Name of the Books	Mid Term		Final Term	
		Total No of Working Days:	100	Total No of Working Days:
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:		Total No of Classes:	
	<b><u>MOCK : 1 syllabus</u></b>		<b><u>MOCK : 3 syllabus</u></b>	
	<b>Model Test :1</b> No of Classes : No of Test Review Classes :		<b>Model Test :1</b> No of Classes : No of Test Review Classes :	
	<b>Model Test :2</b> No of Classes : No of Test Review Classes :		<b>Model Test : 2</b> No of Classes : No of Test Review Classes :	
	<b>Model Test :3</b> No of Classes : No of Test Review Classes :		<b>Model Test : 3</b> No of Classes : No of Test Review Classes :	
	<b><u>MOCK : 2 syllabus</u></b>		=	
	<b>Model Test :1</b> No of Classes : No of Test Review Classes :			
	<b>Model Test : 2</b> No of Classes : No of Test Review Classes :			

	<b>Model Test : 3</b> No of Classes : No of Test Review Classes :	
<b>Types of Question &amp; Distribution of Marks</b>		

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: ADDITIONAL MATHEMATICS**

<b>Name of the Books</b>	<b>Mid Term</b>		<b>Final Term</b>	
	Total No of Working Days:	100	Total No of Working Days:	90
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:		Total No of Classes:	
	<b><u>MOCK-1 Syllabus:</u></b> <b>Chapter 01 to 09 and 15</b>		<b><u>MOCK-3 Syllabus:</u></b> <b>Chapter 01 to 16</b>	
	<b>Topical Mock-1:</b> <b>Chapter 15, 01, 02 &amp; 03</b>		<b>Topical Mock-1:</b> <b>Chapter 01 to 06</b>	
	No of Classes	:08	No of Classes	:06
	No of Test Review Classes	:01	No of Test Review Classes	:01
	<b>Topical Mock-2:</b> <b>Chapter 04, 05 &amp; 06</b>		<b>Topical Mock-2:</b> <b>Chapter 07 to 11</b>	
	No of Classes	:06	No of Classes	:06
	No of Test Review Classes	:01	No of Test Review Classes	:01
	<b>Topical Mock-3:</b> <b>Chapter 07, 08 &amp; 09</b>		<b>Topical Mock-3:</b> <b>Chapter 12 to 16</b>	
	No of Classes	:05	No of Classes	:05
	No of Test Review Classes	:01	No of Test Review Classes	:01
	<b><u>MOCK-2 Syllabus:</u></b> <b>Chapter 01 to 16</b>			
	<b>Topical Mock-1:</b> <b>Chapter 16, 10 &amp; 11</b>			
	No of Classes	:07		
	No of Test Review Classes	:01		
	<b>Topical Mock-2:</b> <b>Chapter 12, 13, 14 &amp; 15</b>			
	No of Classes	:06		
	No of Test Review Classes	:01		
	<b>Topical Mock-3:</b> <b>Chapter 01 to 09</b>			
	No of Classes	:05		
	No of Test Review Classes	:01		
<b>Types of Question &amp; Distribution of Marks</b>	<b>Mock Exam Total Marks: 160</b>		<b>Mock Exam Total Marks: 160</b>	

	<b>Paper 1:</b> 80	<b>Paper 1:</b> 80
	<b>Paper 2:</b> 80	<b>Paper 2:</b> 80

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: BANGLADESH STUDIES**

Name of the Books	Mid Term		Final Term	
		Total No of Working Days:	100	Total No of Working Days:
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:	<b>20</b>	Total No of Classes:	<b>08</b>
	<b><u>MOCK : 1 syllabus</u></b>  <b><u>Paper 1 -Topic: 1, 2, 5</u></b> <b><u>Paper 2- Topic: 1, 2, 3, 4</u></b>  <b>Model Test :1</b>  No of Classes : 02 No of Test Review Classes : 02  <b>Model Test :2</b>  No of Classes : 02 No of Test Review Classes : 02  <b>Model Test :3</b>  No of Classes : 02 No of Test Review Classes : 01		<b><u>MOCK : 3 syllabus</u></b>  <b><u>Paper 1 -Full syllabus(Topic 1-5)</u></b> <b><u>Paper 2- Topic:Full syllabus(Topic: 1-10)</u></b>  <b>Model Test :1</b>  No of Classes : 02 No of Test Review Classes : 01  <b>Model Test : 2</b>  No of Classes : 02 No of Test Review Classes : 01  <b>Model Test : 3</b>  No of Classes : 01 No of Test Review Classes :01	
	<b><u>MOCK : 2 syllabus</u></b>  <b><u>Paper 1 -Topic: 1, 3, 4</u></b> <b><u>Paper 2- Topic: 5, 6, 7, 8, 9, 10</u></b>  <b>Model Test :1</b>  No of Classes : 02 No of Test Review Classes : 01  <b>Model Test : 2</b>  No of Classes : 02 No of Test Review Classes :01  <b>Model Test : 3</b>  No of Classes : 02 No of Test Review Classes : 01			
<b>Types of Question &amp; Distribution of Marks</b>	<b><u>O level question pattern</u></b> <b><u>Paper 1: 75</u></b> <b><u>Paper 2: 75</u></b>		<b><u>O level question pattern</u></b> <b><u>Paper 1: 75</u></b> <b><u>Paper 2: 75</u></b>	

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: COMPUTER SCIENCE**

Name of the Books	Mid Term		Final Term	
<b>1. Cambridge IGCSE and O Level Computer Science (Second Edition)</b>	Total No of Working Days:	100	Total No of Working Days:	90
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:	<b>20</b>	Total No of Classes:	<b>09</b>
<b>By – David Watson and Helen Williams</b>	<b><u>MOCK : 1 Syllabus</u></b>		<b><u>MOCK : 3 syllabus</u></b>	
	<b>FULL SYLLABUS</b>		<b>FULL SYLLABUS</b>	
	<b>Topical Test :1</b> <b>Programming</b> <b>Boolean Logic</b> <b>Databases</b>  No of Classes : 04 No of Test Review Classes : 01		<b>Topical Test :1</b> <b>FULL SYLLABUS</b> No of Classes : 02 No of Test Review Classes : 01  <b>Topical Test : 2</b> <b>FULL SYLLABUS</b> No of Classes : 02 No of Test Review Classes : 01  <b>Topical Test : 3</b> <b>FULL SYLLABUS</b> No of Classes : 02 No of Test Review Classes : 01	
<b>Pub: Hodder Education</b>	<b>2. Cambridge IGCSE and O Level Computer Science Programming Book for Python</b>			
	<b>By – Chris Roffey</b>			
	<b>Pub: Cambridge University Press</b>			
	<b>Topical Test :2</b> <b>Programming</b> <b>Boolean Logic</b> <b>Databases</b> <b>Algorithm Design and Problem Solving</b>  No of Classes : 04 No of Test Review Classes : 01			
	<b>Topical Test :3</b> <b>Software [Part-II]</b> <b>Hardware [Part-II]</b> <b>Algorithm Design and Problem Solving</b> <b>The Internet and Its Uses</b> <b>Data Representation</b> <b>Data Transmission</b>  No of Classes : 04 No of Test Review Classes : 01			
	<b><u>MOCK : 2 syllabus</u></b>			
	<b>FULL SYLLABUS</b>			
	<b>Topical Test :1</b> <b>Programming</b> <b>Boolean Logic</b> <b>Databases</b> <b>Algorithm Design and Problem Solving</b> No of Classes : 04 No of Test Review Classes : 01			

	<b>Topical Test : 2</b> <b>Programming</b> <b>Boolean Logic</b> <b>Databases</b> <b>Algorithm Design and Problem Solving</b> No of Classes : No of Test Review Classes :	
	<b>Topical Test : 3</b> <b>Programming</b> <b>Boolean Logic</b> <b>Databases</b> <b>Algorithm Design and Problem Solving</b> No of Classes : No of Test Review Classes :	
<b>Types of Question &amp; Distribution of Marks</b>	<u><b>Exam Total Marks: 150</b></u>  <b>Paper 1: Short-answer and structured questions: 75</b> <b>Paper 2: Short-answer and structured questions and a scenario-based question: 75</b>	<u><b>Exam Total Marks: 150</b></u>  <b>Paper 1: Short-answer and structured questions: 75</b> <b>Paper 2: Short-answer and structured questions and a scenario-based question: 75</b>

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: ART & DESIGN**

Name of the Books	Mid Term		Final Term	
	Total No of Working Days:	100	Total No of Working Days:	90
Total No of Actual Class Days:	43	Total No of Actual Class Days:	20	
Total No of Classes:	<b>28</b>	Total No of Classes:	<b>9</b>	
<b><u>MOCK : 1 syllabus</u></b>		<b><u>MOCK : 3 syllabus</u></b>		
<b>Model Test :1</b>		<b>Prepare for the Externally set assignment ( Based on O level Paper 2 Question)</b>		
<b>1.prep 1 for the coursework with annotation</b>		<b>Model Test :1</b>		
No of Classes : 2		1.		
No of Test Review Classes : 2		No of Classes : 2		
		No of Test Review Classes : 1		
<b>Model Test :2</b>		<b>Model Test : 2</b>		
<b>2.Prep 2 for the coursework along with the artist research</b>		No of Classes : 2		
No of Classes : 2		No of Test Review Classes :1		
No of Test Review Classes : 3				
<b>Model Test :3</b>		<b>Model Test : 3</b>		
<b>3. Record the development of the idea ( photograph)</b>		No of Classes : 2		
No of Classes : 4		No of Test Review Classes : 1		
No of Test Review Classes : 1				

	<p><b><u>MOCK : 2 syllabus</u></b></p> <p><b>4. Prepare the final outcome with all supporting works for the portfolio</b></p> <p><b>Model Test :1</b></p> <p>No of Classes : 3 No of Test Review Classes : 2</p> <p><b>Model Test : 2</b></p> <p>No of Classes : 3 No of Test Review Classes : 2</p> <p><b>Model Test : 3</b></p> <p>No of Classes : 3 No of Test Review Classes : 1</p>	
<b>Types of Question &amp; Distribution of Marks</b>	<p><b><u>Mock exam total Mark 100</u></b></p> <p>Record 25 Idea Development 25 Media explore 25 present 25</p>	<p><b><u>Mock exam total Mark 100</u></b></p> <p>Record 25 Idea Development 25 Media explore 25 present 25</p>


**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: BUSINESS STUDIES**

Name of the Books	Mid Term		Final Term	
	Total No of Working Days:	100	Total No of Working Days:	90
Total No of Actual Class Days:	43	Total No of Actual Class Days:	20	
Total No of Classes:	<b>20</b>	Total No of Classes:	<b>8</b>	

	<p><b><u>MOCK : 1 syllabus</u></b></p> <p><b>Section 1: Understanding Business Activity</b> <b>Section 2: People in Business</b></p> <p><b>Topical Test :1</b></p> <p>No of Classes : 2 No of Test Review Classes : 2</p> <p><b>Topical Test :2</b></p> <p>No of Classes : 2 No of Test Review Classes : 2</p> <p><b>Topical Test :3</b></p> <p>No of Classes : 1 No of Test Review Classes : 1</p>	<p><b><u>MOCK : 3 syllabus</u></b></p> <p><b>Topical Test :1</b></p> <p>No of Classes : 2 No of Test Review Classes : 2</p> <p><b>Topical Test :2</b></p> <p>No of Classes : 1 No of Test Review Classes : 1</p> <p><b>Topical Test :3</b></p> <p>No of Classes : 1 No of Test Review Classes : 1</p>
	<p><b><u>MOCK : 2 syllabus</u></b></p> <p><b>Section 3: Marketing</b> <b>Section 4: Operations Management</b></p> <p><b>Topical Test :1</b></p> <p>No of Classes : 2 No of Test Review Classes : 2</p> <p><b>Topical Test :2</b></p> <p>No of Classes : 2 No of Test Review Classes : 2</p> <p><b>Topical Test :3</b></p> <p>No of Classes : 1 No of Test Review Classes : 1</p>	
<b>Types of Question &amp; Distribution of Marks</b>	<p><b><u>Exam Total Marks – 160</u></b></p> <p><b>Paper 1: Short Answer &amp; Data Response 80</b> <b><u>Paper 2: Case Study 80</u></b> <b>Total : 160</b></p>	<p><b><u>Exam Total Marks – 160</u></b></p> <p><b>Paper 1: Short Answer &amp; Data Response 80</b> <b><u>Paper 2: Case Study 80</u></b> <b>Total : 160</b></p>

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: ECONOMICS**

<b>Name of the Books</b>	<b>Mid Term</b>		<b>Final Term</b>	
	Total No of Working Days:	100	Total No of Working Days:	90
	Total No of Actual Class Days:	43	Total No of Actual Class Days:	20
	Total No of Classes:	<b>20</b>	Total No of Classes:	<b>08</b>



	<p><b><u>MOCK : 1 syllabus</u></b></p> <p><b><u>Section 1 The basic economic problem</u></b>  <b><u>Section 2 The allocation of resources</u></b>  <b><u>Section 3 Microeconomic decision makers</u></b>  <b>Section IV- Government and the macro economy</b>  <b>Section V- Economic development</b></p> <p><b>Topical Test :1</b></p> <p>No of Classes : 2  No of Test Review Classes : 2</p> <p><b>Topical Test :2</b></p> <p>No of Classes : 2  No of Test Review Classes : 2</p> <p><b>Topical Test :3</b></p> <p>No of Classes : 1  No of Test Review Classes : 1</p>	<p><b><u>MOCK : 3 syllabus</u></b></p> <p><b>FULL SYLLABUS</b></p> <p><b>Topical Test :1</b></p> <p>No of Classes : 2  No of Test Review Classes : 2</p> <p><b>Topical Test :2</b></p> <p>No of Classes : 1  No of Test Review Classes : 1</p> <p><b>Topical Test :3</b></p> <p>No of Classes : 1  No of Test Review Classes : 1</p>																		
	<p><b><u>MOCK : 2 syllabus</u></b></p> <p><b>FULL SYLLABUS</b></p> <p><b>Topical Test :1</b></p> <p>No of Classes : 2  No of Test Review Classes : 2</p> <p><b>Topical Test :2</b></p> <p>No of Classes : 2  No of Test Review Classes : 2</p> <p><b>Topical Test :3</b></p> <p>No of Classes : 1  No of Test Review Classes : 1</p>	<p><b>FULL SYLLABUS</b></p>																		
<p><b>Types of Question &amp; Distribution of Marks</b></p>	<p><b><u>Mock Exam</u></b></p> <table border="0"> <tr> <td><b>Total Marks</b></td> <td style="text-align: right;"><b>100</b></td> </tr> <tr> <td>Paper-1</td> <td style="text-align: right;">30</td> </tr> <tr> <td><u>Paper-2</u></td> <td style="text-align: right;"><u>70</u></td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: right;"><b>100</b></td> </tr> </table>	<b>Total Marks</b>	<b>100</b>	Paper-1	30	<u>Paper-2</u>	<u>70</u>	<b>Total</b>	<b>100</b>											
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<u>Paper-2</u>	<u>70</u>																			
<b>Total</b>	<b>100</b>																			
	<p><b><u>Marks Weighing</u></b></p> <p>30 % from Paper 1  70 % from Paper 2  Assessment 1 will be added to Mock - 1  Assessment 2 will be added to Mock - 2</p>	<table border="0"> <tr> <td><b><u>Mock Exam</u></b></td> <td><b>Total marks</b></td> <td style="text-align: right;"><b>-</b></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><b>100</b></td> </tr> <tr> <td>Paper-1</td> <td></td> <td></td> </tr> <tr> <td><u>Paper-2</u></td> <td></td> <td style="text-align: right;"><u>30</u></td> </tr> <tr> <td><b>Total</b></td> <td></td> <td style="text-align: right;"><b>70</b></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><b>100</b></td> </tr> </table>	<b><u>Mock Exam</u></b>	<b>Total marks</b>	<b>-</b>			<b>100</b>	Paper-1			<u>Paper-2</u>		<u>30</u>	<b>Total</b>		<b>70</b>			<b>100</b>
<b><u>Mock Exam</u></b>	<b>Total marks</b>	<b>-</b>																		
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		<p><b><u>Marks Weighing</u></b></p> <p>30 % from Paper 1  70 % from Paper 2</p>																		


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**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2023-2024**  
**STD – X**  
**SUBJECT: ACCOUNTING**

<b>Name of the Book</b>	<b>Mid Term</b>	<b>Final Term</b>
	Total No. of Working Days: 100	Total No. of Working Days : 90
	Total No. of Actual Class Days : 43	Total No. of Actual Class Days : 20
	Total No of Accounting class : 25	Total No of Accounting class : 18
1. Business Accounting (Latest Edition) -Frank Wood & A. Sangster	<b>Mock Test: 1 Syllabus</b>	<b>Mock Test: 3 Full Syllabus</b>
	<b>1. Non-Trading Organizations</b> No of classes- 4 No of Revision class- 1	<b>9. O Level Question Paper (May/ June 2022 )</b> No of classes- 2 No of Revision class- 1

2. Cambridge O' Level Principles of Accounts -Catherine Coucom	<b>2. Depreciation &amp; Provision for Depreciation</b> No of classes- 4 No of Revision classes- 1	<b>10. O Level Question Paper (October/November 2021)</b> No of classes- 2 No of Revision class- 1
	<b>3. Theory of Double Entry</b> No of classes- 3 No of Revision class- 1	<b>11. O Level Question Paper (May/June 2021)</b> No of classes- 2 No of Revision class- 1
	<b>4. Correction of errors &amp; Suspense</b> No of classes- 2 No of Revision class- 1	<b>12. O Level Question Paper (October/November 2020)</b> No of classes- 2 No of Revision class- 1
	<b>5. Bad debts &amp; provision for doubtful debts</b> No of classes- 2 No of Revision class- 1	<b>13. O Level Question Paper (May/June 2020)</b> No of classes- 2 No of Revision class- 1
	<b>6. Manufacturing accounts</b> No of classes- 2 No of Revision class- 1	<b>14. O Level Question Paper (October/November 2019)</b> No of classes- 2 No of Revision class- 1
	<b>7. Financial Statements of Sole Trader</b> No of classes- 2 No of Revision class- 1	
	<b>8. Bank Reconciliation</b> No of class- 1 No of Revision class- 1	
	<b>Mock Test 2</b> Full Syllabus	
Types of Questions and distribution of Marks	<b>Mock/ Mid Term Exam</b> <b>Paper-1</b> MCQ -35 marks <b>Paper-2</b> Structured Question - 100 marks Assessment/Assignment/ Project work - 20 marks <b>Marks Weighing</b> 30% from Paper 1 70% from Paper 2	<b>Mock Exam Total Marks -135</b> <b>Paper-1</b> MCQ -35 marks <b>Paper-2</b> Structured Question - 100 marks <b>Marks Weighing</b> 30% from Paper 1 70% from Paper 2