



BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)

STD - X

- **ACADEMIC CALENDAR 2022 - 23**
- **BOOK LIST 2022 - 23**
- **SYLLABUS 2022 - 23**

BAF SHAHEEN ENGLISH MEDIUM COLLEGE**BOOK LIST 2022-23****STD - X**

Subject	Name of Books	Author/publishers
English Language	1. O Level English (2 nd Edition)	Helen Toner, John Reynold Pub: Cambridge University Press
	2. Cambridge Revision Guide	P. Shirley, Helen Toner Pub: Cambridge University Press
Bengali	১. মাধ্যমিক বাংলা সংকলন (গদ্য) নবম ও দশম শ্রেণী	প্রকাশক : জাতীয় শিক্ষাক্রম ও পাঠ্যপুস্তক বোর্ড, ঢাকা শিক্ষাবর্ষ : ২০২২
	২. ভাষা-শিক্ষা: বাংলা ব্যাকরণ ও নির্মিতি	হায়াৎ মামুদ প্রকাশনায়: দি অ্যাটলাস পাবলিশিং হাউস ঢাকা
	৩. Yearly Past Paper	
	৪. বাংলা একাডেমী ব্যবহারিক বাংলা অভিধান (বাংলা থেকে বাংলা)	প্রকাশকঃ বাংলা একাডেমী
Maths D	Cambridge O Level Mathematics Course book (Second edition)	1.Audrey Simpson Pub: Cambridge University Press
	Cambridge O Level Maths-D Year wise question paper	
Additional Maths	1. Cambridge IGCSE and O Level Additional Mathematics (Coursebook)-Second edition	Sue Pemberton Pub: Cambridge University Press
	3. Cambridge O Level Add Maths year wise question paper	
Biology	1. GCSE Biology (Latest Edition)	D. G. Mackean, John Murray Mary Jones and Geoff Jones Pub: Cambridge University Press
	2. Biology: International Edition for IGCSE and O level	Mary Jones and Geoff Jones Pub: Cambridge University Press
	3. Biology-A Course for O level	Lam Peng Kwan and Eric Y. K. Lam Pub: Marshall Cavendish Education
	4. Cambridge O Level Biology year wise questionpaper (5060) paper-1, paper-2 and paper-3.	
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, Hodder Education
	2. Cambridge O Level Physics year wise question paper (5054) paper-1, paper-2 and paper-3.	
Computer Science	1. Cambridge IGCSE and O Level Computer Science (Second Edition) 2. Cambridge IGCSE and O Level Computer Science Programming Book for Python Latest Edition	1. By – David Watson and Helen Williams Pub: Cambridge University Press 2. By – Chris Roffey Pub: Cambridge University Press
Accounting	1. Cambridge O' Level Principles of Accounts	Catherine Coucom Pub: Cambridge University Press
	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
Economics	2. IGCSE & O Level Economics	By Susan Grant Pub : Cambridge University Press
Bangladesh Studies	History and Culture of Bangladesh, Environment and Development of Bangladesh	QB. Bichitra Library
Art & Design	Compiled work	Supplied by the subject teacher

EXERCISE BOOKS

Sl	Type of the copy	C.W+H.W	C.T.
1.	Single Lined, Plain text, Laboratory copy, Drawing copy.	As per required to the taken subjects.	-
2.	Diary		01 Copy
3.	A4 size offset papers (will be collected by school)		½ Rim

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD - X
SUBJECT: ENGLISH LANGUAGE

Name of the Books	Mid Term		Final Term	
	Total No. of Working Days:	96	Total No. of Working Days :	103
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83
	Total No. of English Language Classes:	42	Total No. of English Language Classes:	44
1. O Level English (2nd Edition) Helen Toner, John Reynold Pub: Cambridge University Press 2. Cambridge Revision Guide P. Shirley, Helen Toner Pub: Cambridge University Press Cambridge Past Year Question Paper	Writing Account Narrative		Mock-3	
	No. of Classes	- 12	Solving Cambridge O Level past papers.	
	No. of Revision Class	- 02		
	Letter Writing (Informal + formal)		Revision from Cambridge O Level past papers.	
	No. of Classes	- 04		
	No. of Revision Class	- 01	No. of Classes	- 40
	Comprehension		No. of Revision Class	- 04
	No. of Classes	- 05	Total 3 Mock Tests.	
	No. of Revision Class	- 01		
	Mock-1			
Solving Paper 1 from Cambridge O Level past papers.				
Revision from Cambridge O Level past papers.				
No. of Classes	- 05			
No. of Revision Class	- 02			
Solving Paper 2 from Cambridge O Level past papers.				
Revision from Cambridge O Level past papers.				
No. of Classes	- 06			
No. of Revision Class	- 02			
Mock-2 Full Syllabus				
No. of Assessment	- 02			
Types of Questions and distribution of Marks	<u>Mock Exam</u> Total Marks - 110		<u>Mock Exam</u> Total Marks - 110	
	Paper-1		Paper-1	
	Directed Writing	30	Directed Writing	30
	Creative Writing	30	Creative Writing	30
	Paper-2		Paper-2	
	Summary	25	Summary	25
	Comprehension	25	Comprehension	25
	<u>Marks Weighing</u>		<u>Marks Weighing</u>	
	60 marks of Paper 1 weighed to 50		60 marks of Paper 1 weighed to 50	
	50 marks added from Paper 2		50 marks added from Paper 2	
Assessment 1 will be added to Mock - 1				
Assessment 2 will be added to Mock - 2				

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD - X
SUBJECT: BENGALI

Name of the Books	Mid Term		Final Term	
	Total No. of Working Days:	96	Total No. of Working Days :	103
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83
	Total No. of Bangla Classes:	52	Total No. of Bangla Classes:	54
মাধ্যমিক বাংলা সংকলন গদ্য (এনসিটিবি) নবম ও দশম শ্রেণী বাংলা ব্যাকরণ ও রচনাসমগ আব্দুসসালাম	<u>Mock-1 and Mock -2</u>		<u>Mock-3</u>	
	১. বাগধারা/প্রবাদ প্রবচন/জোড়া শব্দ দিয়ে শূন্যস্থান পূরণ । ২. বাক্য রূপান্তর । ৩. সন্ধি । 4. Comprehension (MCQ) ৫. রচনা, চিঠি / প্রতিবেদন/ভাষণ/সংলাপ No. of Classes - 12 No. of Revision Classes - 02		Solving CAIE O Level past papers. -54 2 Mock Tests.	
	১. রচনা ২. চিঠি/প্রতিবেদন/ভাষণ/সংলাপ ৩. বাক্য রূপান্তর ৪. ক্রোজ পরিচ্ছেদ ৫. বাগধারা/ প্রবাদ/ জোড়াশব্দ 6. Comprehension (MCQ) No. of Classes - 10 No. of Revision Classes - 02			
	১. রচনা ২. চিঠি/প্রতিবেদন/ভাষণ/সংলাপ ৩. বাক্য রূপান্তর ৪. সন্ধি ৫. শূন্যস্থান পূরণ 6. Comprehension (MCQ) No. of Classes - 10 No. of Revision Classes - 02			
	১. রচনা ২. চিঠি/প্রতিবেদন/ভাষণ/সংলাপ ৩. বাগধারা/প্রবাদ-প্রবচন/জোড়া শব্দ দিয়ে শূন্যস্থানপূরণ ৪. সন্ধি ৫. বাক্য রূপান্তর 6. Comprehension (MCQ) No. of Classes -10 No. of Revision Classes - 02 No. of Assessment - 02 - 02			
Types of Questions and distribution of Marks	Mock-1 - 100 Paper 1 Paper 2 Marks Weighing 200 marks will be converted to 100 Assessment 1 will be added to Mock - 1 Assessment 2 will be added to Mock - 2	Mock-1 - 100 Paper 1 Paper 2 Marks Weighing 200 marks will be converted to 100		

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD - X
SUBJECT: MATHEMATICS - D

Name of the Books	Mid Term		Final Term	
	Total No. of Working Days:	96	Total No. of Working Days :	103
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83
	Total No. of Maths-D Classes:	53	Total No. of Maths-D Classes :	54
	<u>Mock-1and Mock-2</u>		<u>Mock -3</u>	
Cambridge O Level Mathematics Course book (Second edition) By Audrey Simpson Pub: Cambridge University Press	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. No. of Classes - 08 No. of Revision Classes - 02		Solving CIE O Level Past papers.	
Cambridge O Level Maths-D Year wise question paper (Last 10 years)	Algebraic representation and formulas, Algebraic manipulation, Indices, Solutions of equations and inequalities, Sequences, Variation Foundation notation. No. of Classes - 07 No. of Revision Classes - 02		Revision from CIE O Level past papers. -54	
	Geometrical terms, Geometrical Constructions, Similarity and congruence, Symmetry, Angles, Loci, Set language and notation. No. of Classes - 06 No. of Revision Classes - 02			
	Measures, Mensuration, Trigonometry No. of Classes - 06 No. of Revision Classes - 02			
	Coordinate geometry, Graphs of functions, Graphs in practical situations, Graphical representation of inequalities, Transformations, Matrices No. of. Classes -06 No. of Revision Classes -02			
	Set language and notation, Probability, Categorical, Numerical and grouped data, Statistical diagrams, Vectors in two dimensions No. of. Classes -06 No. of Revision Classes -02			
	No. of Assessment - 02			

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD X
SUBJECT: MATHEMATICS - D

Types of Questions and distribution of Marks	<u>Mock Exam</u>	Total marks –100	<u>Mock Exam</u>	Total marks –100
	Paper 1 Paper 2	-80	Paper 1 Paper 2	-80
	<u>Marks Weighing</u>		<u>Marks Weighing</u>	
	Paper 1 – 50% converted to 100		Paper 1 – 50% converted to 100	
	Paper 2 – 50% converted to 100		Paper 2 – 50% converted to 100	
	Assessment 1 will be added to Mock - 1		Assessment 1 will be added to Mock - 1	
	Assessment 2 will be added to Mock - 2		Assessment 2 will be added to Mock - 2	

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23

STD - X

SUBJECT: ACCOUNTING

Name of the Book	Mid Term	Final Term
	Total No. of Working Days: 96	Total No. of Working Days : 103
	Total No. of Actual Class Days (excluding Mid Term exam) : 80	Total No. of Actual Class Days (excluding Final exam) : 83
	Total No of Accounting class : 43	Total No of Accounting class : 20
Mock 1 & Mock-2	Mock-3	
1. Cambridge O' Level Principles of Accounts By Catherine Coucom Pub: Cambridge University Press 2. Business Accounting 1 (Latest Edition) Frank Wood & A Sangter Pub: Stanley Thornes	1. Non-Trading Organizations No of classes- 4 No of Revision class- 1	7. O Level Question Paper (May/ June 2021) No of classes- 3 No of Revision class- 1
	2. Depreciation & Provision for Depreciation No of classes- 5 No of Revision classes- 2	8. O Level Question Paper (October/November 2021) No of classes- 3 No of Revision class- 1
	3. Theory of Double Entry No of classes- 4 No of Revision class- 1	9. O Level Question Paper (May/ June 2020) No of classes- 2 No of Revision class- 1
	4. Correction of errors & Suspense No of classes- 4 No of Revision class- 1	10. O Level Question Paper (October/November 2020) No of classes- 2 No of Revision class- 1
	5. Bad debts & provision for doubtful debts No of classes- 4 No of Revision class- 1	11. O Level Question Paper (May/ June 2018) No of classes- 2 No of Revision class- 1
	6. Manufacturing accounts No of classes- 4 No of Revision class- 1	12 O Level Question Paper (October/November 2018) No of classes- 2 No of Revision class- 1
	7. Bank Reconciliation No of class- 1 No of Revision class- 1	
	No. of Assessment - 02	
Types of Questions and distribution of Marks	Mid Term Exam Total Marks -175 Paper-1 MCQ -35 marks Paper-2 Structured Question - 100 marks Assessment/Assignment/ Project work - 40 marks Marks Weighing 30 marks from Assessment 70 marks from Mid Term Exam	Mock Exam Total Marks -135 Paper-1 MCQ -35 marks Paper-2 Structured Question - 100 marks Marks Weighing 30% from Paper 1 70% from Paper 2

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23

STD - X

SUBJECT: ADDITIONAL MATHEMATICS

Name of the Books	Mid Term	Final Term
	Total No. of Working Days: 96	Total No. of Working Days : 103
	Total No. of Actual Class Days (excluding Mid Term exam) 80	Total No. of Actual Class Days (excluding Final exam) : 83
	: Total No. of Add Maths Classes: 42	Total No. of Add Maths Classes: 32
Cambridge IGCSE and O Level Additional Mathematics (Coursebook)- Second edition Sue Pemberton Pub: Cambridge University Press Cambridge O Level Add Maths year wise question paper	<u>Mock-1 and Mock-2</u>	<u>Mock -3</u>
	Revision on STD-VIII and STD-IX Syllabus	Solving Past Papers
	Solving past papers No. of Classes -10	[Chapter-wise Mock-9, 10, 11, 12] Whole Syllabus Central Mock-3
	Solving past papers No. of Classes - 10	No. of Classes 32
	Solving past papers No. of Classes - 10	
	Solving past papers [Chapter-wise Mock-7,8] Whole syllabus Central Mock-2 No. of Classes - 12	
Types of Questions and distribution of Marks	<u>Mock Exam</u> Total Marks – 160 Paper 1 80 Paper 2 80 <u>Marks Weighing</u> Paper 1: 50 % converted from 100 Paper 2: 50 % converted from 100 Assessment 1 will be added to Mock - 1 Assessment 2 will be added to Mock - 2	<u>Mock Exam</u> Total Marks – 160 Paper 1 80 Paper 2 80 <u>Marks Weighing</u> Paper 1: 50 % converted from 100 Paper 2: 50 % converted from 100

BAF SHAHEEN ENGLISH MEDIUM COLLEGE**YEARLY SYLLABUS 2022 - 23****STD - X****SUBJECT: ART & DESIGN**

	Mid Term	Final Term
Name of the Books	Total No. of Working Days: 96	Total No. of Working Days : 103
	Total No. of Actual Class Days (excluding Mid Term exam) : 80	Total No. of Actual Class Days (excluding Final exam) : 83
	Total No. of Art & Design Classes: 28	Total No. of Art & Design Classes: 34
	<u>Mock-1</u>	<u>Mock-3</u>
	1. Transparent objects	O level question paper practicing and Solving from different year
	No. of Classes - 05 No. of Revision Classes - 02	
	2. Study from primary source	
	No. of Classes - 05 No. of Revision Classes - 02	
	3. Shells, roots, leaves and barks of tree	
	No. of Classes - 05 No. of Revision Classes - 01	
	4. Colour Composition	
	No. of Classes - 05 No. of Revision Classes - 01	
	No. of Assessment - 02	
	<u>Mock-2 full Syllabus</u>	
Types of Questions and distribution of Marks	<u>Mock Exam Total Marks</u> - 100	<u>Mock Exam Total Marks</u> -100
	Light and Shade 15	Light and Shade 15
	Object Study 15	Object Study 15
	Tonality 20	Tonality 20
	Comprehension 20	Comprehension 20
	Assessment 30	Assessment 30
	Total 100	Total 100

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022- 23
STD -X
SUBJECT: BANGLADESH STUDIES

Name of the Books	Mid Term		Final Term	
	Total No. of Working Days:	96	Total No. of Working Days :	103
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83
Total No. of Bangladesh Studies Classes :	39	Total No. of Bangladesh Studies Classes :	40	
Bangladesh Studies Paper-1 (Bichitra Library) Bangladesh Studies Paper- 2 (Bichitra Library)	<u>Mock-1</u>		<u>Mock-3</u>	
	Topic : The culture and heritage of Bangladesh		O level question paper revising and solving	
	No. of Classes	- 08		
	No. of Revision Classes	- 02		
	Topic : Pakistan to Bangladesh			
	No. of Classes	- 08		
	No. of Revision Classes	- 02		
	Topic : Industry			
	No. of Classes	- 06		
	No. of Revision Classes	- 02		
Topic : Service Sector				
No. of Classes	- 07			
No. of Revision Classes	- 02			
No. of Assessment	- 02			
<u>Mock-2 full Syllabus</u>		<u>Mock-2 full Syllabus</u>		
Types of Questions and distribution of Marks	<u>Mid Term Exam</u> Total Marks – 150		<u>Mock Exam</u> Total Marks 150	
	Paper-1	75	<u>Paper-1</u>	
	Paper-2	75	M.C.Q, Explanation, Understanding 75	
	Marks Weighing		<u>Paper-2</u>	
	Assessment 1 will be added to Mock - 1 Assessment 2 will be added to Mock - 2		Map, Graph and Photograph based answer 75	

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD - X
SUBJECT: BIOLOGY

Name of the Books	Mid Term		Final Term	
	Total No. of Working Days:	96	Total No. of Working Days :	103
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83
	Total No. of Biology Classes :	39	Total No. of Biology Classes:	40
	<u>Mock-1</u>		<u>Mock-3</u>	
1. GCSE Biology (Latest Edition) D. G. Mackean, John Murray Mary Jones and Geoff Jones Pub: Cambridge University Press 2 International Edition for IGCSE and O level Mary Jones and Geoff Jones Pub: Cambridge University Press 3. A Course for O level Lam Peng Kwan and Eric Y. K. Lam Pub: Marshall Cavendish Education	Inheritance		All Chapters Solving CAIE 'O' Level Past Papers. Revision from CAIE 'O' Level Past Papers. No. of Revision Classes – 40	
	No. of Classes	- 03		
	No. of Revision Classes	- 01		
	Biotechnology and genetic modification			
	No. of Classes	- 03		
	No. of Revision Classes	- 01		
	Cells Classification			
	Movement into and out of cell			
	Biological molecules			
	Enzymes			
Solving CAIE 'O' Level Past Papers.				
No. of Classes	- 03			
No. of Revision Classes	- 01			
Plant nutrition				
Transport in flowering plants				
Human nutrition				
Human gas exchange				
Respiration				
Transport in humans				
No. of Classes	- 03			
Solving CAIE 'O' Level Past Papers - 05				
<u>Mock-2 : All chapters</u>				
No. of Classes	- 04			
No. of Revision Classes	- 04			
Lab Classes:	- 10			
No. of Assessment	- 02			
Types of Questions and distribution of Marks	<u>Mid Term Exam</u>	Total Marks – 160	<u>Mock Exam</u>	Total marks: 160
	Multiple Choice:	40	Multiple Choice:	40
	Structured Question:	80	Structured Question:	80
	Practical:	40	Practical:	40
	Total marks:	160	Total marks :	160
	<u>Marks Weighing</u>		<u>Marks Weighing</u>	
	From paper 1 : 25% marks from paper 2 : 50% marks and from paper 3 : 25% marks will be taken. Assessment 1 will be added to Mock - 1 Assessment 2 will be added to Mock - 2		From paper 1 : 25% marks from paper 2 : 50% marks and from paper 3 : 25% marks will be taken.	

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD - X
SUBJECT: BUSINESS STUDIES

Name of the Books	Mid Term		Final Term	
	Total No.. of Working Days:	96	Total No.. of Working Days:	103
	Total No.. of Actual Class Days (excluding Mid Term exam) :	80	Total No.. of Actual Class Days (excluding Final exam) :	83
	Total No. of Business class :	39	Total No. of Business class :	21
Cambridge IGCSE Business Studies Latest Edition) Karen Borrington , Peter Stimpson Pub: Cambridge University Press	Chapter 27: Environmental & Ethical Issues		O Level Question Paper (May/ June 2018)	
	No. of Classes	- 03	No. of classes-	-02
	No. of Revision Classes	- 01	No. of Revision class-	-01
	No. of Assessment	- 01		
	Chapter 28: Business & the International Economy		O Level Question Paper (October/November 2018)	
	No. of Classes	- 03	No. of classes-	-02
	No. of Revision Classes	- 01	No. of Revision class-	-01
	No. of Assessment	- 01		
Section 1: Understanding Business Activity		O Level Question Paper (May/ June 2017)		
No. of Classes	- 04	No. of classes-	-02	
No. of Revision Classes	- 01	No. of Revision class-	-01	
Section 2: People in Business		O Level Question Paper (October/November 2017)		
No. of Classes	- 03	No. of Classes	-02	
No. of Revision Classes	- 01	No. of revision classes	-01	
Section 3: Marketing		O Level Question Paper (May/ June 2016)		
No. of Classes	- 04	No. of classes-	-02	
No. of Revision Classes	- 01	No. of Revision class-	-01	
Section 4: Operations Management		O Level Question Paper (October/November 2016)		
No. of Classes	- 03	No. of classes-	-02	
No. of Revision Classes	- 01	No. of Revision class-	-01	
Section 5: Financial Information & Financial Decisions				
No. of Classes	- 04			
No. of Revision Classes	- 01			
Types of Questions and distribution of Marks	<u>Mid Term Exam</u> Total Marks -180		<u>Mock Exam</u> Total Marks - 160	
	Paper 1: Short Answer & Data Response	80	Paper 1: Multiple Choice	80
	Paper 2: Case Study	80	<u>Paper 2: Theory</u>	<u>80</u>
	<u>Class Assessment</u>	<u>20</u>	Total :	160
	Total :	180		
	<u>Marks Weighing</u>		<u>Marks Weighing</u>	
	10 marks from Assessment		50% from Paper 1	
	90 marks Converted from 160 Of Mid Term Exam		50% from Paper 2	

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD - X
SUBJECT: CHEMISTRY

Name of the Books	Mid Term	Final Term	
	Total No. of Working Days: 96	Total No. of Working Days : 103	
	Total No. of Actual Class Days (excluding Mid Term exam) : 80	Total No. of Actual Class Days (excluding Final exam) : 83	
	Total No. of Chemistry Classes : 52	Total No. of Chemistry Classes : 27	
Chemistry Matters GCE O'Level, 3rd Edition By- Ten Yien Toon Published by Marshall Cavendish	Mock-1 and Mock-2 Whole CAIE Chemistry Syllabus	Mock -3	
	11 Organic Chemistry 11.1 Formula, Functional group and Terminology 11.2 Naming organic compounds No. of Classes - 08 No. of Revision Classes - 02	Solving CAIE O' Level Past Papers -27	
	11 Organic Chemistry 11.3 Alcohols 11.4 Carboxylic acids No. of Classes - 08 No. of Revision Classes - 02		
	11 Organic Chemistry 11.5 Polymers No. of Classes - 05 No. of Revision Class - 02 Revision of O Level Syllabus - 10 No. of Assessment - 02		
	Laboratory		1.A volumetric analysis. Based on titrations. 2. Identification of Ions (Cations & Anions) and gases No. of Classes -13
	Types of Questions and distribution of Marks		1.A volumetric analysis. based on titrations. 2. Identification of Ions (Cations & Anions) and gases No. of Classes-As required
	Marks Weighing: Assessment 1 will be added to Mock - 1 Assessment 2 will be added to Mock - 2		Marks Weighing: From paper 1 : 27% marks From paper 2 : 52% marks From paper 3 : 21% marks or From paper 4 : 21% marks will be taken.

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD -X
SUBJECT: COMPUTER SCIENCE

Name of the Books	Mock 1, 2 & 3		
		Total No. of Working Days:	199
		Total No. of Actual Class Days (excluding Mid Term exam) :	163
		Total No. of Computer Classes:	47
<p>1. Cambridge IGCSE and O Level Computer Science (Second Edition) By – David Watson and Helen Williams Pub: Cambridge University Press</p> <p>2. Cambridge IGCSE and O Level Computer Science Programming Book for Python (Latest Edition) By – Chris Roffey Pub: Cambridge University Press</p>	Data Representation		
	No. of Classes	– 03	
	No. of Revision Classes	– 00	
	Data Transmission		
	No. of Classes	– 03	
	No. of Revision Classes	– 00	
	Hardware		
	No. of Classes	– 04	
	No. of Revision Classes	– 00	
	Software		
	No. of Classes	– 04	
	No. of Revision Classes	– 00	
	The Internet and Its Uses		
	No. of Classes	– 04	
	No. of Revision Classes	– 00	
	Algorithm Design and Problem Solving		
	No. of Classes	– 05	
	No. of Revision Classes	– 00	
	Programming		
	No. of Classes	– 05	
No. of Revision Classes	– 00		
Databases			
No. of Classes	– 04		
No. of Revision Classes	– 00		
Boolean Logic			
No. of Classes	– 04		
No. of Revision Classes	– 00		
No. of Assessment	– 03		
No. of Assignment	– 01		
No. of Lab Classes:	– 07		
Types of Questions and distribution of Marks	Mock 1, Mock 2 & Mock 3; Total Marks 100		
	Structured Question-P-1:	75	
	Structured Question-P-2:	75	
	<u>Total Mark</u>	<u>150</u>	
	Total Mark [150] Converted to	100	
	<u>Marks Weighing</u> P-1: 50%, P-2: 50%		

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 - 23
STD-X
SUBJECT: ECONOMICS

Name of the Books	Mid Term		Final Term			
	Total No. of Working Days:	96	Total No. of Working Days :	103		
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83		
	Total No. of Economics Classes:	44	Total No. of Economics Classes:	18		
IGCSE and O Level Economics Susan Grant Past year questions	MOCK 1		MOCK 3			
	Section I – The Basic Economic Problem Chapter –1, 2, 3, 4		Solving CAIE O Level Past Papers.			
	Section II- Allocation of resources Chapter - 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15					
	No. of Classes	- 10			No. of Revision Classes	18
	No. of Revision Classes	- 02				
	Section III- Microeconomic decision makers Chapter – 16 to 23		FULL SYLLABUS			
	No. of Classes	- 08				
	No. of Revision Classes	- 02				
	MOCK 2					
	Section IV- Government and the macro economy Chapter -24 to 31 Section V- Economic development Chapter -32 to 35					
No. of Classes	- 12					
No. of Revision Classes	- 02					
Section VI- International trade and globalization Chapter – 36 to 39						
No. of Classes	- 06					
No. of Revision Classes	- 02					
No. of Assessment	- 02					
Types of Questions and distribution of Marks	Mock Exam	Total Marks	100	Mock Exam	Total marks	- 100
	Paper-1		30	Paper-1		30
	Paper-2		70	Paper-2		70
	Total	100		Total		100
	Marks Weighing			Marks Weighing		
	30 % from Paper 1 70 % from Paper 2 Assessment 1 will be added to Mock - 1 Assessment 2 will be added to Mock - 2			30 % from Paper 1 70 % from Paper 2		

BAF SHAHEEN ENGLISH MEDIUM COLLEGE
YEARLY SYLLABUS 2022 – 23
STD – X
SUBJECT: PHYSICS

Name of the Books	Mid Term		Final Term			
	Total No. of Working Days:	96	Total No. of Working Days :	103		
	Total No. of Actual Class Days (excluding Mid Term exam) :	80	Total No. of Actual Class Days (excluding Final exam) :	83		
	Total No. of Physics Classes:	44	Total No. of Physics Classes:	27		
Cambridge O Level Physics Heather Kennett, Tom Duncan, Hodder Education	<u>Mock-1 and Mock-2</u>		<u>Mock -3</u>			
	6.1 Earth and the solar system		Solving Question Papers and preparing for Mock Examination.			
	No. of Classes	– 07			No. of Classes	27
	No. of Revision Classes	– 03				
	6.2 Star and the Universe					
	No. of Classes	– 07				
No of revision classes	-03					
Past papers solution	-11					
No. of Assessment	– 02					
No. of Lab. Classes	– 11	No. of Lab. Classes	– 09			
Types of Questions and distribution of Marks	<u>Mock Examination</u> Total Marks	100	<u>Mock Examination</u> Total Marks	100		
	* Paper-1 MCQ converted to 27%	40	* Paper-1 MCQ converted to 27%	40		
	* Paper-2 structured question converted to 52%	80	* Paper-2 structured question converted to 52%	80		
	* Paper-3 Practical test converted to 21%	40	* Paper-3 Practical test converted to 21%	40		
	<u>Marks Weighing</u> Assessment 1 and 2 will be added to Mock - 1		<u>Marks Weighing</u> Assessment 3 and 4 will be added to Mock - 2			