



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

## **STD - IX**

- **ACADEMIC CALENDAR 2022 - 23**
- **BOOK LIST 2022 - 23**
- **SYLLABUS 2021 - 22**

# **BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

## **BOOK LIST 2022-23**

### **STD - IX**

<b>Subject</b>	<b>Name of Books</b>	<b>Author/ Publishers</b>
English Language	1. O Level English (2 <sup>nd</sup> Edition)	Helen Toner, John Reynold Pub: Cambridge University Press
	2. New Express Way for English- 4	Colin W. Davis/ Andrew J. Watts; Pub: Marshall Cavendish Education
	3. Avoid Common Mistakes in English	Jahurul Islam Pub : Albatross publications
Bengali	১. মাধ্যমিক বাংলা সাংকলন (গদ্য) নবম-দশম শ্রেণি	প্রকাশক : জাতীয় শিক্ষাক্রম ও পাঠ্যপুস্তক বোর্ড, ঢাকা শিক্ষাবর্ষ ৪ ২০২২
	২. ভাষা-শিক্ষা বাংলা ব্যাকরণ ও নির্মিতি	ড. হায়াৎ মামুদ প্রকাশক: দি এটলাস পাবলিশিং হাউস - ঢাকা
Maths D	1. Cambridge O Level Mathematics Coursebook ( Second Edition)	Audrey Simpson Pub: Cambridge University Press
	2. Chapter wise question paper (10 years)	
Additional Maths	1. Cambridge IGCSE and O Level Additional Mathematics (Coursebook)-Second edition	Sue Pemberton Pub: Cambridge University Press
	1. New Syllabus Additional Mathematics	Prof. Lee Peng Yee, Dr. Fan Liang Huo, The KengSeng, Looi Chin Keong Pub: Shinglee Publishers Pvt.Ltd
	2. Chapter wise question paper (10 years)	
Biology	1. Biology: International Edition for IGCSE and O level	Mary Jones and Geoff Jones Pub: Cambridge University Press
	2. Biology-A Course for O level	Lam Peng Kwan and Eric Y. K. Lam Pub: Marshall Cavendish Education
Chemistry	1. Chemistry – A Course for O Level	Christopher N. Prescott Pub: Marshall Cavendish Education
	2. Chemistry	Richard Harwood Pub: Cambridge University Press
Physics	Cambridge O level Physics	Heather Kennett, Tom Duncan Pub: Hodder Education
Computer Science	1. Cambridge IGCSE and O level Computer Science (2nd Edition) 2. Cambridge IGCSE Computer Science Programming Book for python	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	1. Economics IGCSE & O Level	By Susan Grant Pub : University of Cambridge International Examinations
Bangladesh Studies	Pilot book for O Level History and Culture of Bangladesh, Environment and Development of Bangladesh	(Bichitra Library)
Art & Design	Compiled work	Supplied by the subject teacher

### **EXERCISE BOOKS**

<b>Sl</b>	<b>Type of the copy</b>	<b>C.W+H.W</b>	<b>C.T</b>
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 – IX**

**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:	52	Total No. of English Language Classes:	54		
O Level English	<ul style="list-style-type: none"> <li><b>Key Writing Skills</b> (Sentence structures, Synonyms and Antonyms, Vocabulary enrichment)</li> </ul>		<ul style="list-style-type: none"> <li><b>Letter and Email Writing</b></li> <li><b>Comprehension (Writer's effect)</b></li> </ul>			
# Handouts	No. of Classes	-10	No. of Classes	-12		
	No. of Revision Classes	-02	No. of Revision Classes	-02		
	<ul style="list-style-type: none"> <li><b>Summary</b></li> <li><b>Article</b></li> </ul>		<ul style="list-style-type: none"> <li><b>Speech</b></li> <li><b>Summary</b></li> <li><b>Narrative</b></li> </ul>			
	No. of Classes	-08	No. of Classes	-12		
	No. of Revision Classes	-02	No. of Revision Classes	-03		
	<ul style="list-style-type: none"> <li><b>Comprehension (Explicit meaning),</b></li> <li><b>Descriptive (opening , person, place and event),</b></li> <li><b>Difference between Narrative and Descriptive</b></li> <li><b>Narrative (Narrative structure, Conflict , Flashback and Dialogue)</b></li> </ul>		<ul style="list-style-type: none"> <li><b>Narrative,</b></li> <li><b>Comprehension (explicit and implicit meaning and writer's effect),</b></li> <li><b>Summary</b></li> </ul>			
	No. of Classes	-08	No. of Classes	-12		
	No. of Revision Classes	-03	No. of Revision Classes	-02		
	<ul style="list-style-type: none"> <li><b>Comprehension (Implicit meaning and Writer's effect),</b></li> <li><b>Report</b></li> </ul>		<ul style="list-style-type: none"> <li><b>Revision for Final Term</b></li> </ul>			
	No. of Classes	-08	No. of Classes	-07		
	No. of Revision Classes	-02				
	<ul style="list-style-type: none"> <li><b>Revision for Mid Term</b></li> </ul>					
	No. of Classes	-05				
	No. of Assessments	-03	No. of Assessments	-03		
	No. of Assignment	-01	No. of Assignment	-01		
Types of Questions and distribution of Marks	<b><u>Mid Term Exam</u></b>	<b>Total Marks</b>	<b>-130</b>	<b><u>Final Term Exam</u></b>	<b>Total Marks</b>	<b>-130</b>
	<b>Paper-1</b>			<b>Paper-1</b>		
	Summary		25	Summary		25
	Comprehension		25	Comprehension		25
	<b>Paper-2</b>			<b>Paper-2</b>		
	Directed Writing		25	Directed Writing		25
	Creative Writing		25	Creative Writing		25
	Assessment/Assignment		30	Assessment/Assignment		30
	<b><u>Marks Weighing</u></b>			<b><u>Marks Weighing</u></b>		
	30 marks from Assessment			30 marks from Assessment		
70 marks from Mid Term Exam			70 marks from Mid Term Exam			
			30% of Mid Term and 70% of Final Exam will be considered to prepare Final Report Card			

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022 - 23**

**STD – IX**

**SUBJECT: BANGLA**

Name of 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 Bengali Classes:	52	Total No. of Bengali Classes:	54	
বাংলা সাহিত্য:গদ্য, ভাষা-শিক্ষা বাংলা ব্যাকরণ ও নির্মিত	সন্ধি বাগধারা/প্রবাদ-প্রবচন/জোড়াশব্দ বাক্য রূপান্তর No. of Classes- 15 No. of Revision Classes- 03	সন্ধি বাগধারা/প্রবাদ-প্রবচন/জোড়াশব্দ বাক্য রূপান্তর No. of Classes- 12 No. of Revision Classes- 03		
	অনুচ্ছেদে শূ/পূ(Close Passage) অনুচ্ছেদ থেকে MCQ (Comprehension) No. of Classes- 10 No. of Revision Classes- 02	অনুচ্ছেদে শূ/প (Close Passage) অনুচ্ছেদ থেকে MCQ (Comprehension) No. of Classes- 08 No. of Revision Classes- 02		
	অনুচ্ছেদ থেকে প্র/উ এবং শব্দার্থ No. of Classes- 05 No. of Revision Classes- 02	অনুচ্ছেদ থেকে প্র/উ এবং শব্দার্থ No. of Classes- 04 No. of Revision Classes- 02		
	সন্ধি বাগধারা/প্রবাদ-প্রবচন/জোড়াশব্দ বাক্য রূপান্তর	সন্ধি বাগধারা/প্রবাদ-প্রবচন/জোড়াশব্দ বাক্য রূপান্তর		
	চিঠি/আবেদনপত্র/প্রতিবেদন/সংলাপ No. of Classes -13 No. of Revision Classes -04	চিঠি/আবেদনপত্র/প্রতিবেদন/সংলাপ No. of Classes -13 No. of Revision Classes -04		
	রচনা No. of Classes -08 No. of Revision Classes -02	রচনা No. of Classes -08 No. of Revision Classes -04		
শিক্ষকের নির্দেশনা অনুযায়ী	No. of Assessment - 03 No. of Assignment - 01	No. of Assessment - 03 No. of Assignment - 01		
	<b>Mid Term Exam:</b> Total Marks 100 Paper 1 চিঠি/ আবেদনপত্র/প্রতিবেদন/সংলাপ 30 রচনা 60 Paper 2 সন্ধি 2x5=10 বাগধারা 2x5=10 বাক্য রূপান্তর 2x5=10 অনুচ্ছেদ-শূ/পূ 20 অনুচ্ছেদ-MCQ 14 অনুচ্ছেদ- প্র/উ, শব্দার্থ 46 Total 200 30 Marks from Assessment 70 Marks from Mid Term Exam (200 marks will be converted into 70)	<b>Final Term Exam:</b> Total Marks 100 Paper 1 চিঠি/ আবেদনপত্র/প্রতিবেদন/সংলাপ 30 রচনা 60 Paper 2 সন্ধি 2x5=10 বাগধারা 2x5=10 বাক্য রূপান্তর 2x5=10 অনুচ্ছেদ-শূ/পূ 20 অনুচ্ছেদ-MCQ 14 অনুচ্ছেদ- প্র/উ, শব্দার্থ 46 Total 200 30 Marks from Assessment 70 Marks from Mid Term Exam (200 marks will be converted into 70) 30% of Midterm will be carried to Final Exam		

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022 - 23**

**STD – IX**

**SUBJECT: MATHEMATICS - D**

<b>Name of the Books</b>	<b>Mid Term</b>		<b>Final Term</b>	
	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 Math-D Classes :	52	Total No. of Math-D Classes:	54
Cambridge O Level Mathematics Course Book (2 <sup>nd</sup> Edition)	<b>Graphs (Chapter 7, 18)</b>		<b>Transformation , Vectors and Matrices Chapter (10, 20, 22)</b>	
	No. of Classes	- 12	No. of Classes	- 12
	No. of Revision Classes	- 02	No. of Revision Classes	- 02
	<b>Statistics (Chapter 11, 23)</b>		<b>Geometry, Geometrical Constructions, Loci and Nets (Chapter- 6, 17)</b>	
	No. of Classes	- 12	No. of Classes	- 14
	No. of Revision Classes	- 02	No. of Revision Classes	- 02
	<b>Probability (Chapter 12, 24) Set Language and Notation (Chapter 13)</b>		<b>Trigonometry- (Chapter- 9, 21) Algebra (Chapter 14)</b>	
	No. of Classes	- 12	No. of Classes	- 12
	No. of Revision Classes	- 02	No. of Revision Classes	- 02
	<b>Number (Chapter 15) Algebra (Chapter 16)</b>		<b>Mensuration (Chapter 8, 19) Number (Chapter 1, 2, 4)</b>	
No. of Classes	- 10	No. of Classes	- 09	
No. of Revision Classes	- 02	No. of Revision Classes	- 02	
	No. of Assessments	- 02	No. of Assessments	- 02
	No. of Assessments	- 01	No. of Assignment	-01
<b>Types of Questions and distribution of Marks</b>	<b><u>Mid Term Exam</u> Total marks - 210</b>		<b><u>Final Exam</u> Total marks - 210</b>	
	1. Paper 1	80	1. Paper 1	80
	2. Paper 2	100	2. Paper 2	100
	3. Assessments :	30	3. Assessments :	30
	<b>Total :</b>	<b>210</b>	<b>Total :</b>	<b>210</b>
	<b><u>Marks Weighing</u></b>		<b><u>Marks Weighing</u></b>	
	30 marks from Assessment 70 marks converted from 210 of Mid Term Exam		30 marks from Assessment 70 marks converted from 210 of Final Exam 30% of Midterm will be carried to Final Exam	

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022 - 23**

**STD – IX**

**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 :	38	Total No of Accounting class :	39
1. Business Accounting (Latest Edition) -Frank Wood & A. Sangster  2. Cambridge O' Level Principles of Accounts -Catherine Coucom	<b>1. Control Accounts</b>	No of classes- 6 No of Revision class - 1 No of Assessment -1	<b>7. Manufacturing Accounts</b>	No of classes- 6 No of Revision classes - 2 No of Assessment - 1
	<b>2. Financial Statements</b>	No of classes- 6 No of Revision classes - 1 No of Assessment - 1	<b>8. Partnership Accounts</b>	No of classes- 4 No of Revision classes- 2 No of Assessment - 1
	<b>3. Ratio Analysis</b>	No of classes- 6 No of Revision classes - 1 No of Assessment - 1	<b>9. Bank Reconciliation Statement</b>	No of classes- 6 No of Revision classes- 1 No of Assessment - 1
	<b>4. Limited Company</b>	No of classes- 4 No of Revision classes - 1 No of Assessment - 1	<b>10. Depreciation &amp; provision</b>	No of classes- 4 No of Revision classes- 2 No of Assessment - 1
	<b>5. Incomplete Records</b>	No of classes- 4 No of Revision classes- 2	<b>11. Non-trading Organizations</b>	No of classes- 4 No of Revision classes- 1
	<b>6. Capital &amp; Revenue Expenditure</b>	No of classes- 2 No of Revision classes- 1	<b>12. Accounting Concepts</b>	No of classes- 2 No of Revision classes- 1
	Types of Questions and distribution of Marks	<b><u>Mid Term Exam Total Marks</u></b> -100	<b><u>Final Term Exam Total Marks</u></b> -100	
	<b>Paper-1</b> MCQ -35	<b>Paper-1</b> MCQ -35		
	<b>Paper-2</b> Structured Question - 100	<b>Paper-2</b> Structured Question - 100		
	Assessment/Assignment/ Project work - 40	Assessment/Assignment/ Project work - 40		
	<b>Marks Weighing</b>  30 marks from Assessment 70 marks from Mid Term Exam	<b>Marks Weighing</b>  30 marks from Assessment 70 marks from Final Term Exam  30% of Mid Term and 70% of Final Exam will be considered to prepare Final Report Card		

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022 - 23**  
**STD – IX**  
**SUBJECT: ADDITIONAL MATHEMATICS**

<b>Name of the Books</b>	<b>Mid Term</b>		<b>Final Term</b>	
	Total No. of 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:	52	Total No. of Add Maths Classes:	54
<b>Text Book:</b>  Cambridge IGCSE and O Level Additional Mathematics Coursebook  (Second Edition)  By  Sue Pemberton	<b>Chapter 9: Trigonometry</b>		<b>Chapter 13: Vectors</b>	
	No. of Classes	10	No. of Classes	- 10
	No. of Revision Classes	02	No. of Revision Classes	- 02
	<b>Chapter 10: Permutations and Combinations</b>		<b>Chapter 14: Differentiation 2</b>	
	No. of Classes	12	No. of Classes	13
	No. of Revision Classes	02	No. of Revision Classes	02
	<b>Chapter 11: Series</b>		<b>Chapter 15: Integration (From 15.1 to 15.9)</b>	
	No. of Classes	14	No. of Classes	16
	No. of Revision Classes	02	No. of Revision Classes	02
	<b>Chapter 12: Differentiation 1</b>		<b>Chapter 15: Integration (From 15.10 to 15.11)</b> <b>Chapter 16: Kinematics</b>	
	No. of Classes	15	No. of Classes	16
	No. of Revision Classes	02	No. of Revision Classes	02
No. of Assessments	03	No. of Assessments	03	
No. of Assignment	01	No. of Assignment	01	
<b>Types of Questions and distribution of Marks</b>	<b><u>Mid Term Exam Total marks:</u></b> <b>210</b>		<b><u>Final Exam Total marks:</u></b> <b>210</b>	
	1. Paper 1	80	1. Paper 1	80
	2. Paper 2	80	2. Paper 2	80
	3. Assessments:	30	3. Assessments:	30
	<b>Total:</b>	<b>190</b>	<b>Total:</b>	<b>190</b>
	<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks converted from 160 of Mid Term Exam		<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks converted from 160 of Final Exam 30% of Midterm will be carried to Final Exam	

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

<b>Name of the Books</b>	<b>Mid Term</b>	<b>Final Term</b>
	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: 38	Total No. of Art & Design Classes : 39
<b>1. Transparent objects with other object</b>	<b>1. Colour composition (Study from abstract painting)</b>	
No. of Classes - 04 No. of Revision Class - 02	No. of Classes - 04 No. of Revision Class - 02	
<b>2. Fruits and Vegetables from primary Source</b>	<b>2. Logo design (basic form of design)</b>	
No. of Classes - 04 No. of Revision Class - 02	No. of Classes - 03 No. of Revision Class - 02	
<b>3. Shells, roots, leaves and barks of tree</b>	<b>3. CD cover design (both side of the CD)</b>	
No. of Classes - 04 No. of Revision Class - 02	No. of Classes - 04 No. of Revision Class - 01	
<b>4. Still life with drapery</b>	<b>4. Perspective (Two point perspective)</b>	
No. of Classes - 04 No. of Revision Class - 02	No. of Classes - 04 No. of Revision Class - 01	
No. of Assessment - 03 No. of Assignment - 01	No. of Assessment - 03 No. of Assignment - 01	
<b>Types of Questions and distribution of Marks</b>	<b>Mid Term Exam Total Marks - 100</b>	<b>Final Term Exam Total Marks -100</b>
Light and Shade 15 Object Study 15	Light and Shade 15 Object Study 15	Light and Shade 15 Object Study 15
Tonality 20 Comprehension 20 Assessment 30	Tonality 20 Comprehension 20 Assessment 30	Tonality 20 Comprehension 20 Assessment 30
<b>Total 100</b>	<b>Total 100</b>	<b>Total 100</b>
<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks converted from 103 of Mid Term Exam	<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks converted from 103 of Final Exam	<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks converted from 103 of Final Exam 30% of Midterm will be carried to Final Exam



**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022- 23**  
**STD –IX**  
**SUBJECT: BANGLADESH STUDIES**

<b>Name of the Books</b>	<b>Mid Term</b>		<b>Final Term</b>	
	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 :	38	Total No. of Bangladesh Studies Classes :	39
Pilot book for O Level History and Culture of Bangladesh, Environment and Development of Bangladesh  (Bichitra Library)	<b>Topic : The culture and heritage of Bangladesh</b>		<b>Topic : The culture and heritage of Bangladesh</b>	
	No. of Classes	- 06	No. of Classes	- 08
	No. of Revision Class	- 02	No. of Revision Classes	- 02
	<b>Topic: British period</b>		<b>Topic : Leading to independence</b>	
	No. of Classes	- 07	No. of Classes	- 11
	No. of Revision Classes	- 02	No. of Revision Classes	- 02
	<b>Topic: : Environmental Challenges</b>		<b>Topic : Economy based topic</b>	
	No. of Classes	- 08	No. of Classes	- 07
	No. of Revision Classes	- 02	No. of Revision Classes	- 02
	<b>Topic : Population growth</b>		<b>Topic : Agriculture</b>	
No. of Classes	- 03	No. of Classes	- 03	
No. of Revision Classes	- 02	No. of Revision Class	- 02	
<b>Topic : Health and Education</b>				
No. of Classes	- 04			
No. of Revision Class	- 02			
No. of Assessment	- 03	No. of Assessment	- 03	
No. of Assignment	- 01	No. of Assignment	- 01	
<b>Types of Questions and distribution of Marks</b>	<b><u>Mid Term Exam</u></b>	<b>Total marks - 170</b>	<b><u>Final Exam</u></b>	<b>Total marks - 170</b>
	Paper-1	70	Paper-1	70
	Paper-2	70	Paper-2	70
	<u>Assessment</u>	30	<u>Assessment</u>	30
	<b>Total marks</b>	<b>170</b>	<b>Total marks</b>	<b>170</b>
	<b><u>Marks Weighing</u></b>		<b><u>Marks Weighing</u></b>	
	30 marks from Assessment		30 marks from Assessment	
	70 marks converted from 140 of Final Exam		70 marks converted from 140 of Final Exam 30% of Midterm will be carried to Final Exam	

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022- 23**

**STD –IX**

**SUBJECT: BIOLOGY**

Name of the Books	Mid Term	Final Term
	Total No. of Working Days :	96
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:	38	Total No. of Biology Classes : 39
Cambridge IGCSE Biology  Lam Peng Kwan and Eric Lam Y.K..  Pub : Marshall Cavendish Education	<b>Transport in humans</b>	<b>Coordination and response in plants</b>
	No. of Classes - 05	No. of Classes - 05
	No. of Revision Classes - 02	No. of Revision Classes - 02
	<b>Disease and immunity</b>	<b>Development of organisms and continuity of life</b> <b>Topic:</b> Nuclear division, asexual and sexual reproduction, sexual reproduction in plants
	No. of Classes - 05	No. of Classes - 05
	No. of Revision Classes - 02	No. of Revision Classes - 02
<b>Excretion</b>	<b>Development of organisms and continuity of life</b> <b>Topic:</b> Sexual reproduction in humans	
No. of Classes - 05	No. of Classes - 05	
No. of Revision Classes - 02	No. of Revision Classes - 02	
<b>Coordination and control</b>	<b>Relationship of organisms with one another and with the environment</b>	
No. of Classes - 05	No. of Classes - 05	
No. of Revision Classes - 02	No. of Revision Classes - 02	
No. of Assessment No. of Assignment - 03 - 01	No. of Assessment No. of Assignment - 03 - 01	
Lab Classes: - 10	Lab Classes: - 9	
<b>Types of Questions and distribution of Marks</b>	<b>Mid Term Exam Total Mark - 190</b> Multiple Choice: 40 Structured Question: 80 Practical: 40 <u>Class tests/Assessment: 30</u> <b>Total Marks 190</b> <b>Marks Weighing</b> 30 marks from Assessment 70 marks converted from 160 of Mid Term Exam	<b>Final Exam Total Marks - 190</b> Multiple Choice: 40 Structured Question: 80 Practical: 40 <u>Class tests/Assessment: 30</u> <b>Total Marks 190</b> <b>Marks Weighing</b> 30 marks from Assessment 70 marks converted from 160 of Final Exam 30% of Midterm will be carried to Final Exam

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022- 23**

**STD –IX**

**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 : 38	Total No of Business class : 39
Cambridge IGCSE Business Studies (Latest Edition)	<b>Chapter 14: The Marketing Mix: Promotion</b> No of Classes - 05 No of Revision Classes - 01	<b>Chapter 21: Business Finance</b> No of Classes - 04 No of Revision Classes - 01
Karen Borrington Peter Stimpson	<b>Chapter 15: The Marketing Mix: Place</b> No of Classes - 05 No of Revision Classes - 01	<b>Chapter 22: : Cash Flow Forecasting</b> No of Classes - 04 No of Revision Classes - 01
Cambridge IGCSE Business Studies (Latest Edition)	<b>Chapter 16: Marketing Strategy</b> No of Classes - 03 No of Revision Classes - 01	<b>Chapter 23: Income Statement</b> No of Classes - 04 No of Revision Classes - 01
Mark Fisher, Medi Houghton & Veenu Jain	<b>Chapter 17 : Production of Goods &amp; Services</b> No of Classes - 03 No of Revision Classes - 01	<b>Chapter 24 : Statement of Financial Position</b> No of Classes - 04 No of Revision Classes - 01
	<b>Chapter 18 : Costs, Scale of Production &amp; Break-Even Analysis</b> No of Classes - 03 No of Revision Classes - 01	<b>Chapter 25: Analysis of Accounts</b> No of Classes - 04 No of Revision Classes - 01
	<b>Chapter 19 : Achieving Quality Production</b> No of Classes - 03 No of Revision Classes - 01	<b>Chapter 26: Government Economic Objectives &amp; Policies</b> No of Classes - 03 No of Revision Classes - 01
	<b>Chapter 20: Location Decisions</b> No of Classes - 04 No of Revision Classes - 01	<b>Revision Classes</b> No of Classes - 04
	No of Assessment - 03	No of Assessment - 03
<b>Types of Questions and distribution of Marks</b>	<b>Mid Term Exam Total Marks – 190</b>  Paper 1: Short Answer & Data Response 80 Paper 2: Case Study 80 Class Assessment 30 <b>Total : 190</b>  <u>Marks Weighing</u> <b>30 marks</b> from Assessment <b>70 marks</b> Converted from 160 of Mid Term Exam	<b>Final Term Exam Total Marks 190</b>  Paper 1: Multiple Choice 80 Paper 2: Theory 80 Class Assessment 30 <b>Total : 190</b>  <u>Marks Weighing</u> <b>30 marks</b> from Assessment <b>70 marks</b> Converted from 160 of Final Exam  30% of Mid Term and 70% of Final Exam will be considered to prepare Final Report Card

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022- 23**

**STD –IX**

**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 : 38	Total No. of Chemistry Classes : 39	
Chemistry matters GCE O Level  By Yan Tin Toon Latest Edition	<b>4 Electrochemistry</b> 4.1 Electrolysis 4.2 Hydrogen–oxygen fuel cells  No. of Classes -08 No. of Revision Classes - 02	<b>7 Acids, bases and salts</b> 7.1 The characteristic properties of acids and bases 7.2 Oxides No. of Classes -06 No. of Revision Classes - 01
	<b>5 Chemical energetics</b> 5.1 Exothermic and endothermic reactions  No. of Classes -04 No. of Revision Classes - 01	<b>7 Acids, bases and salts</b>  7.3 Preparation of salts  No. of Classes -03 No. of Revision Classes -01
	<b>6 Chemical reactions</b> 6.1 Physical and chemical changes 6.2 Rate of reaction  No. of Classes -08 No. of Revision Classes - 02	<b>9 Metals</b> 9.1 Properties of metals 9.2 Uses of metals 9.3 Alloys and their properties  No. of Classes -09 No. of Revision Classes - 02
	<b>6 Chemical reactions</b>  6.3 Reversible reactions and equilibrium 6.4 Redox  No. of Classes -06 No. of Revision Classes - 02	<b>9. Metals</b>  9.4 Reactivity series 9.5 Corrosion of metals 9.6 Extraction of metals  No. of Classes -09 No. of Revision Classes - 02
	No. of Assessment - 03 No. of Assignment - 01	No. of Assessment No. 03 of Assignment 01
Laboratory	<b>1 . simple quantitative experiments.</b> <b>2. demonstrate knowledge of how to select and safely use techniques, apparatus and materials</b> <b>3. plan experiments and investigations</b>  No. of Classes -15	<b>1 . simple quantitative experiments.</b> <b>2. demonstrate knowledge of how to select and safely use techniques, apparatus and materials</b> <b>3. plan experiments and investigations</b>  No. of Classes -17
Types of Questions and distribution of Marks	<b><u>Mid Term Exam Total Marks -100</u></b>  Paper 1 MCQ 40 Converted to30% Paper 2 Theory 80 Converted to 50% Paper 3 Practical Test 40 Converted to20%	<b><u>Final Exam Total Marks – 100</u></b>  Paper 1 MCQ Converted to30% 40 Paper 2 Theory 80 Converted to 50% Paper 3 Practical Test 40 Converted to20%
	<b>Total 100% converted to 70 marks</b>	<b>Total 100% Converted to 70 marks</b>
	<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks from Mid Term Exam	<b><u>Marks Weighing</u></b> 30 marks from Assessment 70 marks from Final Exam 30% of Mid Term and 70% of Final Exam will be considered to prepare Final Report Card

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022- 23**

**STD –IX**

**SUBJECT: COMPUTER SCIENCE**

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: 38	Total No. of Physics Classes: 39	
1. Cambridge IGCSE and O Level Computer Science (Second Edition)  By – David Watson and Helen Williams  Pub: Cambridge University Press  2. Cambridge IGCSE and O Level Computer Science Programming Book for Python  By – Chris Roffey  Pub: Cambridge University Press	<b>Data Representation</b> No. of Classes – 03 No. of Revision Classes – 01	<b>Data Representation [Part II]</b> No. of Classes – 03 No. of Revision Classes – 01	
	<b>Data Transmission</b> No. of Classes – 03 No. of Revision Classes – 00	<b>Data Transmission [Part II]</b> No. of Classes – 03 No. of Revision Classes – 00	
	<b>Hardware</b> No. of Classes – 04 No. of Revision Classes – 01	<b>Hardware [Part II]</b> No. of Classes – 04 No. of Revision Classes – 01	
	<b>Software</b> No. of Classes – 04 No. of Revision Classes – 00	<b>Software [Part II]</b> No. of Classes – 04 No. of Revision Classes – 00	
	<b>The Internet and Its Uses</b> No. of Classes – 04 No. of Revision Classes – 00	<b>The Internet and Its Uses [Part II]</b> No. of Classes – 04 No. of Revision Classes – 00	
	<b>Algorithm Design and Problem Solving</b> No. of Classes – 05 No. of Revision Classes – 02	<b>Algorithm Design and Problem Solving [Part II]</b> No. of Classes – 05 No. of Revision Classes – 02	
	<b>Programming</b> No. of Classes – 05 No. of Revision Classes – 01	<b>Programming [Part II]</b> No. of Classes – 05 No. of Revision Classes – 01	
	<b>Databases</b> No. of Classes – 04 No. of Revision Classes – 01	<b>Databases [Part II]</b> No. of Classes – 04 No. of Revision Classes – 01	
	<b>Boolean Logic</b> No. of Classes – 04 No. of Revision Classes – 01	<b>Boolean Logic [Part II]</b> No. of Classes – 04 No. of Revision Classes – 01	
	No. of Assessment – 03 No. of Assignment – 01	No. of Assessment – 03 No. of Assignment – 01	
	<b>Types of Questions and distribution of Marks</b>	<b>Mid Term Exam: Total Marks 100</b> Structured Question 70 <u>Assessments 30</u> <b>Total Marks 100</b> <u>Marks Weighing</u> <b>30 marks</b> from CT, C/W, H/W & ST <b>70 marks</b> from Mid Term Examination	<b>Final Examination: Total Mark 100</b> Structured Question 70 <u>Assessments 30</u> <b>Total Marks 100</b> <u>Marks Weighing</u> <b>30 marks</b> from Class Test, C/W, H/W & ST <b>70 marks</b> from Final Examination. 30% of Midterm will be carried to Final Exam

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022- 23**  
**STD –IX**  
**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:	38	Total No. of Economics Classes:	39		
IGCSE and O Level Economics -Susan Grant	<b>Section IV - Role Of Government In An Economy</b>		<b>Section V Economic development</b>			
	<b>Unit 24 The role of government</b>		<b>Unit 32 Living standard</b>			
	<b>Unit 25 Aims of Government 's</b>		<b>Unit 33- Poverty</b>			
	<b>Unit 26 Fiscal Policy</b>					
	No. of Classes	- 08	No. of Classes	- 07		
	No. of Revision Class	- 02	No. of Revision Class	- 01		
	<b>Section IV</b>		<b>Section V</b>			
	<b>Unit 27 Monetary Policy</b>		<b>Unit 34 - Population</b>			
	<b>Unit 28 Supply side policies</b>		<b>Unit 35 Differences in economic development between countries</b>			
	No. of Classes	- 06	No. of Classes	- 06		
	No. of Revision Class	- 02	No. of Revision Class	- 02		
	<b>Section IV</b>		<b>Section VI</b>			
<b>Unit 29 Economic Growth</b>		<b>Unit 36 International specialization</b>				
<b>Unit 30 Employment and Unemployment</b>		<b>Unit 37 Free trade and protection</b>				
No. of Classes	- 10	No. of Classes	- 10			
No. of Revision Class	- 02	No. of Revision Class	- 01			
<b>Section V – Economic development</b>		<b>Section VI</b>				
<b>Unit 31 Inflation and deflation</b>		<b>Unit 38 Foreign exchange rates</b>				
		<b>Unit 39 Current account of bop</b>				
No. of Classes	- 09	No. of Classes	- 10			
No. of Revision Class	- 02	No. of Revision Class	- 02			
No. of Assessment	- 03	No. of Assessment	- 03			
No. of Assignment	- 01	No. of Assignment	- 01			
Types of Questions and distribution of Marks	<b>Mid Term Exam</b>	<b>Total Marks</b>	<b>-100</b>	<b>Final Exam</b>	<b>Total Marks</b>	<b>-100</b>
	Mid Term Total marks	150		Final Exam Total marks	150	
	Paper 1	30		Paper 1	30	
	Paper 2	87		Paper 2	87	
	Assessment	30		Assessment	30	
	<b>Total</b>	<b>150</b>		<b>Total</b>	<b>150</b>	
	<b>Marks Weighing</b>			<b>Marks Weighing</b>		
	30 marks from Assessment			30 marks from Assessment		
	70 marks converted from 120 of Mid Term Exam			70 marks converted from 120 of Final Exam		
	30% of Mid Term and 70% of Final Exam will be considered to prepare Final Report Card					

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022- 23**

**STD –IX**

**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 : 52	Total No. of Physics Classes: 54
<b>Cambridge O level Physics</b>  By Heather Kennett, Tom Duncan Pub: Hodder Education	<b>Topic – 1.1 Physical quantities and measurement techniques</b> <b>Topic – 1.3 Mass and weight</b> <b>Topic – 1.4 Density</b>  No. of Classes – 09 No. of Revision Classes – 02	<b>Topic – 4.1 Simple magnetism and magnetic fields</b> <b>Topic – 4.5 Electromagnetic effects</b>  No. of Classes 14 No. of Revision Classes 03
	<b>Topic – 1.2 Motion</b>  No. of Classes – 09 No. of Revision Classes – 02	<b>Topic – 5 Nuclear Physics</b>  No. of Classes 11 No. of Revision Classes 02
	<b>Topic – 1.5 Force</b>  No. of Classes – 11 No. of Revision Classes – 02	<b>Topic – 6 Space physics</b>  No. of Classes 08 No. of Revision Classes 02
	No. of Assessment - 03 No. of Assignment - 01	No. of Assessment - 03 No. of Assignment - 01
	Lab Classes - 13	Lab Classes - 07
	<b>Mid Term Exam: Total Marks 190</b>  MCQ 40 Structured Question 80 Practical Test 40 Assessments 30 <b>Total Marks 190</b>	<b>Final Examination: Total Mark 190</b>  MCQ 40 Structured Question 80 Practical Test 40 Assessments 30 <b>Total Marks 190</b>
	<b>Marks Weighing</b> 30 marks from Assessment 70 marks converted from 160 marks of Mid Term Examination	<b>Marks Weighing</b> 30 marks from Assessment 70 marks converted from 160 marks of Mid Term Examination  30% of Mid Term and 70% of Final Exam will be considered to prepare Final Report Card