



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

## **STD - XII**

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

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**BOOKLIST 2022 - 23**  
**STD –XII (A2)**

Subject	Name of Books	Author/publishers
Accounting	AS and A Level Accounting	H Randall, David Hopkins Pub: Cambridge University Press
Biology	Cambridge International AS and A Level Biology Course book (Latest Edition)	Mary Jones, Richard Fosbery, Jennifer Gregory and Dannis Taylor Pub: Cambridge University Press
Business	Cambridge International AS and A Level Business	By Peter Stimpson and Alastair Farquharson. Pub: Cambridge University Press.
Chemistry	Cambridge International AS and A Level Chemistry Course book ( Latest Edition)	Lawire Ryan and Roger Norris Pub: Cambridge University Press
Computer Science	1. Cambridge International AS and A Level Computer Science	1. By- David Watson and Helen Williams Pub: Cambridge University Press
	2. Cambridge IGCSE and O Level Computer Science Programming Book for Python	2. By- Chris Roffey Pub: Cambridge University Press
Economics	1. Cambridge International AS and A Level Economics Course book (Latest Edition)	Colin Bamford and Susan Grant Pub: Cambridge University Press
	2. Economics for Cambridge International	Terry Cook, Clive Riches and Richard Taylor Pub: Cambridge University Press
Mechanics	Cambridge International AS and A Level Mathematics: Mechanics Coursebook	Jan Dangerfield, Stuart Haring Series editor: Julian Gilbey Pub: Cambridge University Press
Pure Mathematics 3	Cambridge International AS and A Level Mathematics: Pure Mathematics – 2 & 3 Coursebook	Sue Pemberton, Julianne Hughes Series editor: Julian Gilbey Pub: Cambridge University Press
Statistics 1	Cambridge International AS and A Level Mathematics: Statistics & Probability 1 Coursebook	Dean Chalmers Series editor: Julian Gilbey
Physics	1. Cambridge International AS and A Level Physics Course book ( 3rd Edition)	Sang, John, Chadha and Woodside Pub: Cambridge University Press
	1. Cambridge International AS and A Level Physics ( 3rd Edition)	Mike Crundell, Geoff Goodwin Pub: Hodder Education

**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)		1 Rim

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022 - 23**  
**STD-XII (A2)**  
**SUBJECT: ACCOUNTING**

<b>Name of the Book</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 Term exam) : 83
	Total No of Accounting class : 48	Total No of Accounting class : 24
Cambridge AS and A Level Accounting  H Randall, David Hopkins  Pub: Cambridge University Press	<b>1. Manufacturing Accounts</b> No of classes- 3 No of Revision classes 1 No. of Assessment- 1	<b>12. Auditing &amp; Stewardship</b>  No of classes- 3 No of Revision classes- 1
	<b>2. Non-Trading Organization</b>  No of classes- 3 No of Revision classes- 1 No. of Assessment- 1	<b>13. Computerized Accounting System</b>  No of classes- 1 No of Revision classes- 1
	<b>3. Cashflow Statements</b>  No of classes- 3 No of Revision classes 1 No. of Assessment- 1	<b>14. A Level Question Paper 3 (May/ June 2021 )</b> No of classes- 2 No of Revision classes- 1
	<b>4. Business purchase &amp; Merger</b>  No of classes- 4 No of Revision classes- 1	<b>15. A Level Question Paper 3 (October/November 2021)</b>  No of classes- 2 No of Revision classes- 1
	<b>5. Consignment &amp; Joint Venture</b>  No of classes- 4 No of Revision classes- 1	<b>16. A Level Question Paper 3 (May/ June 2020)</b> No of classes- 2 No of Revision classes- 1
	<b>6. Analysis &amp; Communication of Accounting System</b>  No of classes- 3 No of Revision classes- 1	<b>17. A Level Question Paper 3 (October/November 2020)</b>  No of classes- 2 No of Revision classes- 1
	<b>7. International Accounting Standards</b>  No of classes- 2 No of Revision classes- 1	<b>18. A Level Question Paper 3 (May/ June 2019)</b>  No of classes- 2 No of Revision classes- 1
	<b>8. Activity Based costing</b> No of classes- 3 No of Revision classes- 1	<b>19. O Level Question Paper 3 (October/November 2019)</b>  No of classes- 2 No of Revision classes- 1
	<b>9. Budget &amp; Budgetary Control</b> No of classes- 3 No of Revision classes- 1	
	<b>10. Standards Costing</b> No of classes- 3 No of Revision classes- 1	

	<b>11. Investment Appraisal</b>		
	No of classes- 3 No of Revision classes- 1		
Types of Questions and distribution of Marks	<b><u>Mid Term Exam</u></b>	<b><u>Total Marks -145</u></b>	<b><u>Mid Term Exam</u></b>
	<b>Paper-3</b> Structured Question	- 75 marks	<b>Paper-3</b> Structured Question
	<b>Paper-4</b> Structured Question	- 50 marks	<b>Paper-4</b> Structured Question
	Assessment / Assignment / Project Work	-20 marks	
	<b>Marks Weighing</b>		<b>Marks Weighing</b>
	60% from Paper 3 40% from Paper 4		60% from Paper 3 40% from Paper 4
			<b><u>Total Marks -125</u></b>

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022-2023**  
**STD- XII (A2)**  
**SUBJECT: BIOLOGY**

<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	80	Total No. of Actual Class Days	83
	Total No. of Biology Classes	52	Total No. of Biology Classes	54
<b>MOCK 1</b>		<b>MOCK 2</b>		
Cambridge International AS and A Level Biology Course book (Latest Edition)  Mary Jones, Richard Fosbery, Jennifer Gregory and Dannis Taylor  Pub: Cambridge University Press	Topic 12 Energy and respiration Topic 13 Photosynthesis  No. of Classes -11 No. of Revision Classes - 02  14 Homeostasis  No. of Classes - 1 0 No. of Revision Classes - 02  Topic 15 Control and co-ordination  No. of Classes - 1 0 No. of Revision Classes - 02  Topic 16 Inherited change Topic 17 Selection and evolution  No. of Classes - 1 0 No. of Revision Classes - 02  No. of Assessments – 03 No. of Assignment – 01	Topic 18 Biodiversity, classification and conservation  No. of Classes - 10 No. of Revision Classes - 05  Topic 19 Genetic technology  No. of Classes - 10 No. of Revision Classes - 05  <b>Past papers solution</b>	-24	
<b>Types of Questions and Distribution of Marks</b>	<b><u>Mid Term Exam</u> Total Marks - 130</b> <b>(Mock 1 Exam)</b> Paper 4 A Level Structured Questions -100 Paper 5 Planning, Analysis and Evaluation-30  <b>Total marks: 130</b>  <u><b>Marks Weighing</b></u> From Paper 4 : 77% marks and from Paper 5 : 23% marks will be taken Assessment marks will be added to the mocks	<b><u>Mid Term Exam</u> Total Marks - 130</b> <b>(Mock 1 Exam)</b> Paper 4 A Level Structured Questions -100 Paper 5 Planning, Analysis and Evaluation- 30  <b>Total marks: 130</b>  <u><b>Marks Weighing</b></u> From Paper 4 : 77% marks and from Paper 5 : 23% marks will be taken Assessment marks will be added to the mocks		

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022 - 23**

**STD- XII**

**SUBJECT: BUSINESS**

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 Classes:	40	Total No. of Business Classes:	41
	MOCK – 1		MOCK – 2	
Cambridge International AS and A Level Business  By Peter Stimpson and Alastair Farquharson. Pub: Cambridge University Press	<b>1 Business and its environment</b>		<b>4. Operations and project management</b>	
	<ul style="list-style-type: none"> <li>• Business structure</li> <li>• Size of business</li> <li>• External influences on business activity</li> </ul>		<ul style="list-style-type: none"> <li>• Operations planning</li> <li>• Capacity utilization</li> <li>• Lean production and quality management</li> <li>• Project management</li> </ul>	
	No. of Classes	- 07	No. of Classes	- 08
	No. of Revision Class	- 02	No. of Revision Class	- 02
	<b>2. People in organizations</b>		<b>5. Finance and accounting</b>	
	<ul style="list-style-type: none"> <li>• Human resource management</li> <li>• Organization structure</li> <li>• Business communication</li> </ul>		<ul style="list-style-type: none"> <li>• Costs</li> <li>• Budgets</li> <li>• Contents of published accounts</li> <li>• Analysis of published accounts</li> <li>• Investment appraisal</li> </ul>	
	No. of Classes	- 07	No. of Classes	- 08
	No. of Revision Class	- 02	No. of Revision Class	- 02
	<b>2. Marketing</b>		<b>6. Strategic management</b>	
	<ul style="list-style-type: none"> <li>• Marketing planning</li> <li>• Globalization and international marketing</li> </ul>		<ul style="list-style-type: none"> <li>• What is strategic management?</li> <li>• Strategic analysis</li> <li>• Strategic choice</li> <li>• Strategic implementation</li> </ul>	
No. of Classes	- 07	No. of Classes	- 09	
No. of Revision Class	- 02	No. of Revision Class	- 01	
<b>3. Revision week</b>		<b>7. Revision week</b>		
No. of Classes	- 08	No. of Classes	- 09	
No. of Revision Class	- 02	No. of Revision Class	- 02	
No. of Assessments	- 03			
No. of Assignment	- 01			
Types of Questions and distribution of Marks	<b>Mock 1 Total Marks</b>	<b>-100</b>	<b>Mock 2 Total Marks</b>	<b>-100</b>
	Paper 3	100	Paper 3	100
	<b>Total</b>	<b>100</b>	<b>Total</b>	<b>100</b>
	<b><u>Marks Weighing</u></b> <b><u>50% of A levels</u></b>		<b><u>Marks Weighing 50%</u></b> <b><u>of A levels</u></b>	
	Assessment marks will be added to the mocks		Assessment marks will be added to the mocks	

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE (SEMC)**  
**YEARLY SYLLABUS 2022-23**  
**STD – XII**  
**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:	54
Cambridge International AS and A Level Chemistry Course book (Latest Edition)	19 Chemical energetics -6 20 Electrochemistry -5 21 Equilibria -6 22 Reaction kinetics -5 Review class - 3		11 Group 2 No of classes -2 28 Polymerisation -4 29 Analytical techniques -8 30 Organic synthesis -12	
By Lawire Ryan and Roger Norris			No of revision classes -14	
Pub: Cambridge University Press			Solving A Level Past papers No of classes -8	
	24 An introduction to the chemistry of transition elements -6 An introduction to organic chemistry -4			
	25 Benzene - 6			
	26 Carboxylic acids and derivatives and - 5			
	27 Nitrogen compounds - 3			
	Review class			
	No. of Assessments -3 No. of Assignment -1 -			
Types of Questions and distribution of Marks	MOCK – 1		MOCK – 2	
		Weighting		Weighting
	Paper 4 (100 Marks)	77%	Paper 4 (100 Marks)	77%
	Paper 5 (30 Marks)	23%	Paper 5 (30 Marks)	23%
	Total 100 Assessment marks will Total 100		Total 100 Assessment marks will Total 100	

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

**YEARLY SYLLABUS 2022-23**

**STD – XII**

**SUBJECT: COMPUTER SCIENCE**

Name of the Books	Mock 1		Mock 2	
	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 Mid Term exam) :	83
	Total No. of Physics Classes:	35	Total No. of Physics Classes:	36
1. Cambridge International AS and A Level Computer Science 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>13 Data Representation</b>		<b>13 Data Representation</b>	
	No. of Classes	– 03	No. of Classes	– 04
	No. of Revision Classes	– 00	No. of Revision Classes	– 00
	<b>14 Communication and Internet Technologies</b>		<b>14 Communication and Internet Technologies</b>	
	No. of Classes	– 03	No. of Classes	– 03
	No. of Revision Classes	– 00	No. of Revision Classes	– 00
	<b>15 Hardware and Virtual Machines</b>		<b>15 Hardware and Virtual Machines</b>	
	No. of Classes	– 04	No. of Classes	– 04
	No. of Revision Classes	– 00	No. of Revision Classes	– 00
	<b>16 System Software</b>		<b>16 System Software</b>	
No. of Classes	– 04	No. of Classes	– 04	
No. of Revision Classes	– 00	No. of Revision Classes	– 00	
<b>17 Security</b>		<b>17 Security</b>		
No. of Classes	– 04	No. of Classes	– 04	
No. of Revision Classes	– 00	No. of Revision Classes	– 00	
<b>18 Artificial Intelligence (AI)</b>		<b>18 Artificial Intelligence (AI)</b>		
No. of Classes	– 05	No. of Classes	– 05	
No. of Revision Classes	– 00	No. of Revision Classes	– 00	
<b>19 Computational thinking and problem solving</b>		<b>19 Computational thinking and problem solving</b>		
No. of Classes	– 05	No. of Classes	– 05	
No. of Revision Classes	– 00	No. of Revision Classes	– 00	
<b>20 Further Programming</b>		<b>20 Further Programming</b>		
No. of Classes	– 04	No. of Classes	– 04	
No. of Revision Classes	– 00	No. of Revision Classes	– 00	
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>Mock 1: Total Mark</b>		<b>Mock 2: Total Mark</b>	
		<b>100</b>		<b>100</b>
	Structured Question-P-3	75	Structured Question-P-3	75
	Structured Question-P-4	75	Structured Question-P-4	75
	<u>Total Mark</u>	<u>150</u>	<u>Total Mark</u>	<u>150</u>
	<b>Total Mark [150] Converted to Marks Weighing</b>	<b>100</b>	<b>Total Mark [150] Converted to Marks Weighing</b>	<b>100</b>
	P-3: 50%, P-4: 50%		P-3: 50%, P-4: 50%	



**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**

**YEARLY SYLLABUS 2022 - 23**

**STD- XII**

**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:	50	Total No. of Economics Classes:	54
1. Cambridge International AS and A Level Economics Course book (Latest Edition) Colin Bamford and Susan Grant Pub: Cambridge University Press	<b>1 Basic economic ideas and resource allocation</b> <ul style="list-style-type: none"> <li>• Efficient resource allocation</li> <li>• Externalities and market failure</li> <li>• Social costs and benefits; cost-benefit analysis</li> </ul> No. of Classes - 10 No. of Revision Class - 02	<b>4 The macro economy</b> <ul style="list-style-type: none"> <li>• Economic growth, economic development and sustainability</li> <li>• National Income statistics</li> <li>• Classification of countries</li> <li>• Employment/unemployment</li> <li>• The circular flow of income</li> </ul> No. of Classes - 12 No. of Revision Class - 02		
2. Economics for Cambridge International Terry Cook, Clive Riches and Richard Taylor Pub: Cambridge University Press	<b>2. The price system and the micro economy</b> <ul style="list-style-type: none"> <li>• Law of diminishing marginal utility</li> <li>• Indifference curves</li> <li>• Budget lines</li> <li>• Types of cost, revenue and profit, short-run and long-run production</li> </ul> No. of Classes - 09 No. of Revision Class - 02	<b>4 The macro economy</b> <ul style="list-style-type: none"> <li>• Money supply (theory)</li> <li>• Keynesian and Monetarist COLLEGES</li> <li>• The demand for money and interest rate determination</li> <li>• Policies towards developing economies; policies of trade and aid</li> </ul> No. of Classes - 12 No. of Revision Class - 02		
	<b>2. The price system and the micro economy</b> <ul style="list-style-type: none"> <li>• Different market structures</li> <li>• Growth and survival of firms</li> <li>• Differing objectives of a firm</li> </ul> <b>3. Government microeconomic intervention Maximum and minimum prices</b> <ul style="list-style-type: none"> <li>• Policies to achieve efficient resource allocation and correct market failure</li> <li>• Equity and policies towards income and wealth redistribution</li> </ul> No. of Classes - 10 No. of Revision Class - 02	<b>5 Government macro intervention</b> <ul style="list-style-type: none"> <li>• Government macro policy aims</li> <li>• Inter-connectedness of problems</li> </ul> No. of Classes - 12 No. of Revision Class - 02		
	<b>3. Government microeconomic intervention Maximum and minimum prices</b> <p>Labour market forces and government intervention:                      Demand and supply of labour                      Wage determination in perfect markets                      Wage determination in imperfect markets                      Government failure in microeconomic intervention</p> No. of Classes - 09 No. of Revision Class - 02	<b>5 Government macro intervention</b> <p>Effectiveness of policy options to meet all macroeconomic objectives</p> No. of Classes - 10 No. of Revision Class - 02		
	No. of Assessments - 03 No. of Assignment - 01			

<b>Types of Questions and distribution of Marks</b>	<b>Mock 1 Total Marks</b>	<b>-130</b>	<b>Mock 2 Total Marks</b>	<b>-130</b>
	Paper 3	30	Paper 3	30
	Paper 4	70	Paper 4	70
	Assessment	30	Assessment	30
	<b>Total</b>	<b>130</b>	<b>Total</b>	<b>130</b>
	Assessment marks will be added to the mocks		Assessment marks will be added to the mocks	

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022-23**  
**STD XII**  
**SUBJECT: MECHANICS**

<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 Mechanics Classes: 40	Total No. of Mechanics Classes : 42
	<b><u>Mock-1</u></b>	<b><u>Mock -2</u></b>
Cambridge International AS and A Level Mathematics: Mechanics Coursebook Jan Dangerfield, Stuart Haring Series editor: Julian Gilbey Pub: Cambridge University Pres	1) velocity & acceleration	1) Momentum
	No. of Classes - 5	No. of Classes -6
	No. of Revision Classes -1	No. of Revision Classes -2
	2) Force & motion in one dimension	2) Work & Energy
	No. of Classes - 5	No. of Classes -6
	No. of Revision Classes - 1	No. of Revision Classes -2
	3) Forces in two dimension	3) The work-energy principle & power
	No. of Classes -5	No. of Classes -6
	No. of Revision Classes - 1	No. of Revision Classes -2
	4) Friction	Solving A Level Question Papers - 18
	No. of Classes - 6	
	No. of Revision Classes - 1	Mock Test 2
5) Connected particles		
No. of Classes -6		
No. of Revision Classes -2		
6) General motion in a straight line		
No. of Classes -5		
No. of Revision Classes -2		
<b>Types of Questions and distribution of Marks</b>	<b>Mock-1 Exam</b> <b>Total Marks -50</b> <b>Marks weighing -40</b>	<b>Mock-2 Exam</b> <b>Total Marks -50</b> <b>Marks weighing -40</b>

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022-23**  
**STD-XII**  
**SUBJECT: PHYSICS**

Name of the Books	Mock – 1		Mock – 2	
	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 :	50	Total No. of Physics Classes:	53
<p>Cambridge International AS/A Level Physics Course Book 3<sup>rd</sup> edition</p> <p>By: David Sang, Graham Jones, Gurinder Chadha and Richard Woodside</p> <p>Cambridge International AS/A Level Physics . 3<sup>rd</sup> edition</p> <p>By Mike Crundell, Geoff Goodwin e</p>	<b>Topic-12 Motion in a circle</b> <b>Topic-13 Gravitational fields</b>  No. of Classes – 07 No. of Revision Classes – 04	<b>Topic--- 20 Magnetic fields</b>  No. of Classes – 08 No. of Revision Classes – 03		
	<b>Topic-14 Temperature</b> <b>Topic-15 Ideal Gas</b> <b>Topic-16 Thermodynamics</b>  No. of Classes – 07 No. of Revision Classes – 04	<b>Topic---22 Quantum physics</b>  No. of Classes – 07 No. of Revision Classes – 03		
	<b>Topic – 17 Oscillations</b>  No. of Classes – 07 No. of Revision Classes – 04	<b>Topic---23 Nuclear Physics</b>  No. of Classes – 09 No. of Revision Classes – 07		
	<b>Topic---18 Electric fields</b> <b>Topic – 19 Capacitance</b> <b>Topic – 21 Alternating currents</b>  No. of Classes – 10 No. of Revision Classes – 04	<b>Topic---24 Medical Physics</b> <b>Topic---25 Astronomy and cosmology</b>  No. of Classes – 09 No. of Revision Classes – 07 Including Mock – 1 Syllabus		
	No. of Assessments – 03 No. of Assignment – 01			
	<b>Mock – 1 Exam: Total Marks 130</b>  <b>Paper 4 100</b> <b>Paper 5 30</b> <u>Marks Weighing</u> Paper 4 77% Paper 5 23%  Assessment marks will be added to the mocks	<b>Mock – 2 Exam: Total Mark 130</b>  <b>Paper 4 100</b> <b>Paper 5 30</b> <u>Marks Weighing</u> Paper 4 77% Paper 5 23%  Assessment marks will be added to the mocks		

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022-23**  
**STD-XII**  
**SUBJECT: PURE MATHEMATICS 3**

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 math class : 53	Total no. of math class : 54	
Cambridge International AS and A Level Mathematics: Pure Mathematics – 2 & 3 Coursebook  By-Sue Pemberton, Julianne Hughes Series editor: Julian Gilbey  Pub: Cambridge University Pres	Mock-1	Mock -2
	1) Algebra No. of Classes 6 No. of Revision Classes 2	1) FURTHER CALCULUS No. of Classes 6 No. of Revision Classes 1
	2) Logarithm And Exponential Function No. of Classes 2 No. of Revision Classes 2	2) VECTORS No. of Classes 10 No. of Revision Classes 2
	3) Trigonometry No. of Classes 2 No. of Revision Classes 2	3) Differential equations No. of Classes 6 No. of Revision Classes 1
	4) Differentiation No. of Classes 7 No. of Revision Classes 2	4) COMPLEX NUMBERS No. of Classes 10 No. of Revision Classes 2
	5) Integration No. of Classes 4 No. of Revision Classes 1	Solving A Level Question Papers Revision from CAIE A Level Past Papers Mock Test 2 No. of Classes 16
	6) Numerical solutions of equations No. of Classes 4 No. of Revision Classes 1	
	7) Further Algebra No. of Classes 6 No. of Revision Classes 2	
	8) Further Calculus No. of Classes 8 No. of Revision Classes 2	
	<b>Types of Questions and distribution of Marks</b>	Mock - 1 Exam Total marks – 75  <b>Marks Weighing</b> 60% of total A level Mathematics

**BAF SHAHEEN ENGLISH MEDIUM COLLEGE**  
**YEARLY SYLLABUS 2022-23**  
**STD-XII**  
**SUBJECT: PROBABILITY & STATISTICS (S1)**

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 Probability & statistics Classes:	48	Total No. of Probability & statistics classes:	49
Cambridge International AS and A Level Mathematics: Statistics & Probability 1 Coursebook Dean Chalmers Series editor: Julian Gilbey Pub: Cambridge University press	<b><u>Mock-1</u></b>		<b><u>Mock -2</u></b>	
	1) Representation of data		7) The binomial & geometric distribution	
	No. of Classes	- 04	8) The normal distribution	
	No. of Revision Classes	- 02	No. Of Classes	-24
			No. Of Revision Classes	-04
	2) Measures of Central Tendency		Solving A Level Question Papers	
	Tendency No. of Classes	- 04	Revision from CIE A Level Past Papers	
	No. of Revision Classes	- 02		
	3) Measures of variation		No. Of Revision Classes	-19
	No. of Classes	- 06	Mock Test 2	-02
No. of Revision Classes	- 02			
4) Probability				
No. of Classes	- 08			
No. of Revision Classes	- 02			
5) Permutations & Combinations				
No. of Classes	-06			
No. of Revision Classes	- 02			
6) Probability distribution				
No. of Classes	- 05			
No. of Revision Classes	- 02			
No. of Assessment	- 03			
No. of Assignment	- 01			
<b>Assessments marks will be added to the mocks</b>				
Types of Questions and distribution of Marks	Mock Exam	Total marks – 50	Mock Exam	Total marks – 50
	Marks Weighing	40	Marks Weighing	40

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

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 Classes: 35	Total No. of Classes: 36
	MOCK – 1	MOCK – 2
Cambridge International AS & A Level Art & Design Student's Book  Publisher -Collins  Author: Parsons, A; Macfarlane, L and Arnould, L	<b>1. Course work (Component-3)</b> Study from personal investigation  Parts study Facial expression (Including anatomy study)  No. of Classes - 06 No. of Revision Class - 02	<b>1. Study from different art movement</b>  Cubism Surrealism Impressionism  No. of Classes - 07 No. of Revision Class - 03
	<b>2. Photograph from primary source and implementation in work (Component -3)</b>  Perspective Close up study  No. of Classes - 07 No. of Revision Class - 03	<b>2 Developing the idea for the research work</b>  Establish an own style based on the study Prepare the supporting works and portfolio Explore in different media  No. of Classes - 06 No. of Revision Class - 03
	<b>3. Portfolio making for the exam</b>  Assemble all the works and complete all the supporting works for exam  No. of Classes - 07 No. of Revision Class - 03	<b>3. Prepare the written Analysis ( 1000-500 words) for the component 3</b> Analysis the steps of the study. Mention the relation between all supporting works Explain the Final outcome  No. of Classes - 06 No. of Revision Class - 02
	<b>4. Gallery visit and study of art work</b>  No. of Classes - 04  No. of Assessments - 03 No. of Assignment - 01	<b>4. Local artist interview for the research</b>  No. of Classes - 06 No. of Revision Class - 02
	<b>Total Marks P3 -200</b>	<b>Total Marks P3 -200</b>
	<b>Marks Weighing -100</b>	<b>Marks Weighing -100</b>
	<b>Types of Questions and distribution of Marks</b>	<b>Total Marks P3 -200</b>
	<b>Marks Weighing -100</b>	<b>Marks Weighing -100</b>