

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)  
 Academic Study Plan - (2019-2020)  
 Class: XI – XII (National)  
 Subject : Bangla I  
 Subject Code : 101

Books : 1| mwnZ' cvV : (M'' I c''): RvZxq wkÿvµg I cvV' cy'İK †evW© XvKv|  
 2| mncvV (bvUK I Dcb''mv ): K) bvUK : wmivRD†İŠjv L) Dcb''vm : jvjmvjy

1<sup>st</sup> Term (1<sup>st</sup> July- 14 November, 2019)

Chapters		No. Of Periods
1	weovj	5wU
2	AcwiwPZv	5wU
3	Avnevb	4wU
4	HKZvb	3wU
5	mvg''ev`x	3wU
6	GB c,,w_ex†Z GK''vb Av†Q	3wU
7	Zvnx†iB c†o g†b	3wU
8	Pvivi `yÿ	5wU
9	Avgvi c_	4wU
10	†mB A''ı	3wU
11	Rxeb I e,,ÿ	4wU
12	wefx†Yi cÖwZ iveY	4wU
	†gvU	46wU

1<sup>st</sup> Year Final (08 December 2019 to 21 March 2020)

Chapters		No. Of Periods
1	gvwmwcm	4wU
2	AvVv†iv eQi eqm	3wU
3	evqvbœi w`b,wj	4wU
4	b~iæjw`†bi K_v g†b c†o hvq	3wU
5	†iBb†KvU	4wU
6	†de <sup>a</sup> æqvix 1969	3wU
7	Dcb''vm : jvjmvjy	10wU
8	†jvK †jvKvšİ	3wU
9	Rv`yN†i †Kb hve	4wU
	†gvU	35wU

Pre Test (23 April, 2020 to 03 September 2020)

Chapters		No. Of Periods
1	gnvRvMwZK wKD†iUi	4wU
2	†bKjm	4wU
3	Avwg wKse`wšİ K_v ejwQ	4wU
4	i† <sup>3</sup> Avgvi Abvw` Aw''	3wU
5	bvUK : wmivRD†İŠjv	11wU
6	c~bivq cvV (M''')	4wU
7	c~bivq cvV (c''')	10wU
	†gvU	40wU

Test (27 September, 2020 to 05 November 2020)

Chapters	No. Of Periods
†U÷ †ccvi Abykxjb	12wU

Question patterns and marks distribution:

Term Exam

- |                             |              |
|-----------------------------|--------------|
| a) Multiple Choice Question | 1x30 = 30    |
| b) Creative Question        | 10x7 = 70    |
| <b>Total</b>                | <b>= 100</b> |

AT: 05

CT: 20

Term Exam 75 (Converted 100)

**Total = 100**

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : Bangla II

Subject Code : 102

Books : 1| fvlv-wkÿv (W. nvqvr gvgy`)

2| D"PZi evsjv e"vKiY G wbwg©Z (Aa"vcK wbiÄb AwaKvix, Aa"vcK W. mwdDwİb Avng`)

1<sup>st</sup> Term (1<sup>st</sup> July- 14 November, 2019)

Chapters	No. Of Periods
e"vKiY K. evsjv D"Pvi†Yi wbqg L. evOjv evbv†bvi wbqg M. e"vKiwYK kã †kÖWY	K) 5wU cvV L) 3wU cvV M) 4wU cvV
wbwg©Z K. cvwifvwIK kã/AbyeV` L. w`b wjwc wjLb I AwfÁZv eY©b/ fvY I cÖwZ†e`b M. %oe`y`wZK wPwV; Ly†` evZ©v/cİwjlB, Av†e`b cİ	K) 5wU cvV L) 4wU cvV M) 4wU cvV

1<sup>st</sup> Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
e"vKiY K. evsjv kã MVb L. evK"ZËj M. evsjv fvivi AccÖ†qvM I İx cÖ†qvM	K) 5wU cvV L) 3wU cvV M) 4wU cvV
wbwg©Z K. mvivsk, mvigg© I mvims†ÿc/fvem¸ú`amviY L. msjvciPbv/Ly†` MiiPbv M. cİ wjLb/ Av†e`bcİ N. cÖeÜiPbv	K) 5wU cvV L) 4wU cvV M) 4wU cvV N) 5wU cvV

Pre Test (23 April, 2020 to 03 September, 2020)

Chapters	No. Of Periods
e"vKiY	

All Revision	20wU
wbwg©Z All Revision	20wU

Test (27 September, 2020 to 05 December, 2020)

Chapters	No. Of Periods
All Revision	12wU

Question Patterns and marks distribution :

e"vKiY-30  
wbwg©Z-70  
‡gvU-100

AT: 05

CT: 20

Term Exam 75 (Converted 100)

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Total = 100

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : English For Today

Subject Code :

Books:

1. English For Today

**1st Term (1st July - 14 November, 2019)**

Chapters	No. Of Periods
Unit-1: People or Institution Making History Unit-2: Greatest Scientific Achievements Unit-3: Dreams	54
Unit-4: Traffic Education Unit-5: Food Adulteration Unit-6: Adolescence	27

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
Unit-4: Traffic Education Unit-5: Food Adulteration Unit-6: Adolescence Unit-7: Human Relationships Unit-8: Human Rights	12

Pre Test (23 April, 2020 to 03 September 2020)

Chapters	No. Of Periods
Unit-7: Human Relationships Unit-8: Human Rights Unit-9: Diaspora Unit-10: Peace and Conflict Unit-11: Tours and Travels	23
Unit-12: Environment and Nature Unit-13: Art and Music Unit-14: Myths and Literature	12

Test (27September, 2020 to 5 November 2020)

Chapters	No. Of Periods
Unit-1 Unit -14	

Marks Distribution

Part A: Reading Test (Seen Comprehension)

Reading	Total Marks 60	Test Items	Marks
		MCQ (Guessing Meaning from Context)	1x5=5
		Comprehension Questions (Open ended questions relating to analysis, synthesis and evaluation)	5x2=10
		Information Transfer /Flow chart	1x10=10
		Summarizing	10
		Cloze Test with clues	5
		Cloze Test without clues	10
		Rearranging	10

Part B : Writing Test

	Total Marks 40	Test Items	Marks
		Writing paragraph answering questions	10
		Completing Story	07
		Writing Informal Letters/e-mails	05
		Analyzing maps/Graphs/Charts	10

	Total Marks 40	Test Items	Marks
		Appreciating Short Stories /Poems (Identify theme, subject-matter and interpretation)	08
	Total 100	Term Exam 100 marks Converted to 75 AT-5, CT-20	AT-5, Ct-20=25

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : English 2<sup>nd</sup> Paper

Subject Code : 108

**Books:**

1. English Grammar (NCTB)
2. Nobodut Communicative English Grammar and Composition
3. Advance Learner's Communicative English Grammar and Composition

1st Term (1st July - 14 November, 2019)

Chapters	No. Of Periods
Part A: Grammar -30 Marks	
1. Filling in the blanks with articles	4
2. Completing text with prepositions	4
3. Completing sentences with phrases/ words	5
4. Completing Sentences with clauses/phrases	5
5. Filling in the gaps with correct forms of verbs	5
6. Writing Antonym and Synonym	5
Part B:Writing - 20 Marks	
7. Writing Formal Letter/ E-mail	4
8. Paragraph Writing	4

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
Part A: Grammar -30 Marks	
1. Direct and Indirect Speech	6
2. Completing Sentences	4
3. Use of Modifiers	5
4. Use of Sentence Connectors	5
5. Punctuation	4
6. Writing Antonym and Synonym	3
Part B:Writing - 20 Marks	
7. Report Writing	4
8. Paragraph Writing	4

English 1st Paper: 50

English 2nd Paper: 50

Total = 100

AT 05

CT 20

Term Exam 100 Will be converted to 75

Total 100

Pre Test (23 April, 2020 to 03 September 2020)

Chapters	No. Of Periods
Part A: Grammar -60 Marks	
1. Filling in the blanks with articles	03
2. Completing text with prepositions	03
3. Completing sentences with phrases/ words	03
4. Completing Sentences with clauses/phrases	03
5. Filling in the gaps with correct forms of verbs	03
6. Transformation of Sentences	04
7. Direct and Indirect Speech	04
8. Pronoun Reference/Pronoun Agreement	04
9. Use of Modifiers	03
10. Use of Sentence Connectors	03
11. Using Antonym and Synonym	02
12. Punctuation	02
Part B: Writing - 40 Marks	
1. Writing Formal Letter/ E-mail	03
2. Report Writing	03
3. Paragraph Writing	03
4. Free Writing	04
Test examination will be held separately according to the full syllabus of 2nd paper. [ Question will be set as per board pattern]	

Test (27 September, 2020 to 5 November 2020)

Chapters	No. Of Periods
Part A: Grammar -60 Marks	
All Grammar Items (Revision)	14
Part B:Writing - 40 Marks	
1. Writing Formal Letter/ E-mail	02
2. Report Writing	02
3.Paragraph Writing	02
4. Free Writing	02
Test examination will be held separately according to the full syllabus of 2nd paper. [ Question will be set as per board pattern]	

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : Information Communication Technology

Subject Code: 275

Books:

1. Information Communication Technology: Forhad Monjur and Others
2. Information Communication Technology: Norendro Nath And Others

1st Term (1st July - 14 November, 2019)

Chapters	No. Of Periods
Chapter 1: Information technology: World and Bangladesh Perspective	14 pd
Chapter 3: Number Systems and Digital Devices	12 pd

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
Chapter 4: Website design and HTML	06 pd
Chapter 5: Programming Language	16 pd

Pre Test (23 April, 2020 to 03 September 2020)

Chapters	No. Of Periods
Revision on whole book [ Question will be set as per board pattern]	Revision (12 Periods)

Question patterns and marks distribution (as per board pattern):

Part A: Grammar -60 Marks

1. Filling in the blanks with articles 0.5x10=5
2. Completing text with prepositions 0.5x10=5
3. Completing sentences with phrases/ words 0.5x10=5
4. Completing Sentences with clauses/phrases 0.5x10=5
5. Filling in the gaps with correct forms of verbs 0.5x10=5
6. Transformation of Sentences 0.5x10=5
7. Direct and Indirect Speech 0.5x10=5
8. Pronoun Reference/Pronoun Agreement 0.5x10=5
9. Use of Modifiers 0.5x10=5
10. Use of Sentence Connectors 0.5x10=5
11. Using Antonym and Synonym 0.5x10=5
12. Punctuation 0.5x10=5

Part B: Writing - 40 Marks

13. Writing Formal Letter/ E-mail 08
  14. Report Writing 08
  15. Paragraph Writing 10
  16. Free Writing 14
- 
- Total Marks 100

Question patterns and marks distribution:

- a) Multiple Choice Question 1x25 = 25
  - b) Creative question 10x5 = 50
  - c) Practical = 25
- 
- Total = 100

- AT: 05  
 CT : 20  
 Term Exam 75 (Converted from 100)  
 Total = 100

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : Physics

Subject Code: 174, 175

**Books:**

1. Dr. Shahjahan Tapan
2. Dr. Amir Hossain Khan

1st Term (1st July - 14 November, 2019)

Chapters	No. Of Periods
Physics I:	
Chapter 1: Physical World & Measurement	4 Periods
Chapter 2: Vector	8 Periods
<b>Chapter 3: Dynamics</b>	7 Periods
Chapter 4: Newtonian Mechanics	8 Periods
Physics II:	
Chapter 1: Thermodynamics	8 Periods
Chapter 2: Electrostatics	8 Periods
Chapter 3: Current Electricity	7 Periods
Chapter 4: Magnetic Effect of current	8 Periods

Practical- Exp. No—1,2,3,4,5

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
Physics I:	
Chapter 5: Work, power and energy	6 Periods
Chapter 6: Gravitation & Gravity	7 Periods
<b>Chapter 7: Structural properties of matter</b>	8 Periods
Physics II:	
Chapter 5: Electromagnetic induction and A,C	6 Periods
Chapter 6: Geothermal Optics	7 Periods
Chapter 7: Physical Optics	8 Periods

Practical- Exp. No—6,7,8,9,10

Pre Test (23 April, 2020 to 03 September 2020)

Chapters	No. Of Periods
1st Paper:	
Chapter-8: Periodic Motion	8 Periods
Chapter-9: Waves	7 Periods
Chapter-10: Ideal gas and kinetic theory of gases	8 Periods
2nd Paper:	
Chapter 8: Beginning of Modern Physics	9 Periods
Chapter-9: Atomic Model and Nuclear Physics	8 Periods
Chapter 10: Semi-conductor and Electronics	7 Periods
Chapter 11: Astronomy	9 Periods

Test (27 September, 2020 to 5 November 2020)

Chapters	No. Of Periods
Physics 1st & 2nd Paper	
Test examination will be held separately according to the full syllabus of 1st paper and 2nd paper [ Question will be set as per board pattern]	Revision (12 Periods)

Question patterns and marks distribution:

a) Multiple Choice Question	1x30 = 25
b) Creative question	10x7 = 50
c) Practical	= 25
<b>Total</b>	<b>= 100</b>

AT:	05
CT:	20
Term Exam	75 (Converted from 100)
<b>Total</b>	<b>= 100</b>

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : Chemistry

Subject Code: 176 (Paper-1) 177 (Paper-2)

Books:

Chemistry first paper class XI-XII

1. Swapan Kumer Mistry

2. Dr. Haradhan Nag

Chemistry second paper class XI-XII

1. Swapan Kumer Mistry

2. Dr. Haradhan Nag

1st Term (1st July - 14 November, 2019)

Chapters	No. Of Periods
Chemistry 1st paper	
Chapter 1: Safe use of laboratory	08
Chapter 2: Qualitative Chemistry (up to applications of solubility product)	20
Chemistry 2nd paper	
Chapter 1: Environmental Chemistry	28

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
Chapters Chemistry 1st paper	
Chapter 2: Qualitative Chemistry (from Crystallization to Chromatography)	05
Chapter 3: Periodic Properties of Elements and Chemical Bond	15
Chapter 5: Application oriented Chemistry	08
Chemistry 2nd paper	
Chapter 3: Quantitative Chemistry	20
Chapter 4: Electrochemistry	08

Pre Test (23 April, 2020 to 03 September 2020)

Chapters	No. Of Periods
Chemistry 1st paper	
Chapter 4: Chemical Change	28
Chemistry 2 <sup>nd</sup> Paper	
Chapter 2: Organic Chemistry	18
Chapter 4: Electrochemistry	3
Chapter 5: Economical Chemistry	7

Test (27 September, 2020 to 05 November, 2020)

Chapters	No. Of Periods
Chemistry 1 <sup>st</sup> & 2 <sup>nd</sup> Paper Test examination will be held separately According to the full syllabus of 1 <sup>st</sup> paper and 2 <sup>nd</sup> paper book. [Question will be set as per board pattern]	Revision (12 Periods)

Question patterns and marks distribution:

a) Multiple Choice Question	1x30 = 25
b) Creative question	10x7 = 50
c) Practical	= 25
<u>Total</u>	<u>= 100</u>

AT:	05
CT:	20
Term Exam	75 (Converted from 100)
<u>Total</u>	<u>= 100</u>

Marks distribution

Theoretical Part: Chemistry 1 <sup>st</sup> paper and 2 <sup>nd</sup> paper	
Creative Question (5 out of 8)	5x10 = 50
Multiple Choice Question	1x 25= 25

Practical Examination :

1. Experiment :	12
2. Presentation of results with explanation :	05
3. Viva voce:	05
4. Practical Note Book:	03

Total = 25

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : Higher Mathematics

Subject Code: 265, 266

Books:

1. Md. Rafiqul Islam
2. Afsar Uz- Zaman

1st Term (1st July - 14 November, 2019)

Chapters	No. Of Periods
Higher Mathematics 1st Paper Group A: Algebra and Geometry 1. Matrices and Determinants 2. Straight lines	10 periods 12 periods
Group B : Trigonometry & Calculus 1. Differentiation	18 periods
Higher Mathematics 2nd Paper Group A: Algebra & Trigonometry 1. Real Numbers and Inequalities 2. Complex Numbers	10 periods 15 periods
Group B: Geometry, Mechanics & Statics 1. Statics	20 periods

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
Higher Mathematics 1st Paper Group A: Algebra and Geometry 1. Vectors 2. Circles	05 periods 10 periods
Group B : Trigonometry & Calculus 1. Trigonometric Ratios 2. Integration	10 periods
Higher Mathematics 2nd Paper Group A: Algebra & Trigonometry 1. Polynomials and polynomials equation 2. Inverse Trigonometric functions and trigonometric equations.	8 periods 10 periods
Group B: Geometry, Mechanics & Statics 1. Dynamics: Motion of particle moving in a straight line or plane 2. Conic	10 periods 10 periods

Pre Test (23 April, 2020 to 03 September, 2020)

Chapters	No. Of Periods
Higher Mathematics 1st Paper Group A: Algebra and Geometry 1. Functions and graph of function 2. Permutations & Combination	18 periods 10 periods
Group B : Trigonometry & Calculus 1. Trigonometric ratios of associated angles 2. Integration	15 Periods 14 periods
Higher Mathematics 2nd Paper Group A: Algebra & Trigonometry 1. Linear Programming 2. Binomial Expansions	5 periods 10 periods
Group B: Geometry, Mechanics & Statics 1. Measures of Dispersions and Probability	10 periods

Test (27 September, 2020 to 05 November, 2020)

Chapters	No. Of Periods
Higher Mathematics 1st & 2nd Paper Test examination will be held separately according to the full syllabus of 1st paper and 2nd paper book.  [ Question will be set as per board pattern]	Revision (12 Periods)

Question patterns and marks distribution:

a) Multiple Choice Question	1x30 = 25
b) Creative question	10x7 = 50
c) Practical	= 25
<b>Total</b>	<b>= 100</b>

AT:	05
CT:	20
Term Exam	75 (Converted from 100)
<b>Total</b>	<b>= 100</b>

Theoretical Part: Higher Mathematics 1st Paper

Algebra + Geometry

(answer any 2 out of 3) or (answer any 3 out of 4) : 2x10=20 or 3x10=30

Trigonometry + Calculus

(answer any 2 out of 3) or (answer any 3 out of 4) : 2x10=20 or 3x10=30

Theoretical Part: Higher Mathematics 2nd Paper

Test (27 September, 2020 to 5 November 2020)

Algebra & Trigonometry

(answer any 2 out of 3) or (answer any 3 out of 4) : 2x10=20 or 3x10=30

Geometry, Mechanics & Statics

(Answer any 2 out of 3) or (answer any 3 out of 4) : 2x10=20 or 3x10=30

Marks distribution of practical examination:

1. Experiment:	
a. Theory:	03
b. Usage of apparatus and data collection :	05
c. Calculation and analysis :	04
d. Presentation of results with explanation :	05
e. Viva Voce:	05
f. Practical Note Book:	03
<b>Total</b>	<b>25</b>

BARIDHARA SCHOLARS' INTERNATIONAL SCHOOL AND COLLEGE (BSISC)

Academic Study Plan - (2019-2020)

Class: XI – XII (National)

Subject : Biology

Subject Code: 178, 179

Books:

Biology 1st paper:

1. A Text Book of Biology by -Dr. Md. Abdul Alim, Dr. Md. Rezaulkarim

2. Biology First Paper by - Prof. Md. Nazim Uddin, Prof. dr. Farida BinteLutfar,

Mizanur RahmanBhuiya , Md. AtiqurRahman , RajatKantiShome

Biology 2nd paper:

1. Biology 2nd Paper by ProfessorMd. Nazim Uddin

2. Biology 2nd Paper Professor Julekhakhatun

1st Term (1st July - 14 November, 2019)

Chapters	No. Of Periods
<b>BIOLOGY 1ST PAPER</b>	
Chapter 1: Cell & it's structure	05 periods
Chapter 2: Cell Division	10 periods
Chapter 5: Algae and Fungi	
6: Bryophyta and Pteridophyta	10 periods
<b>BIOLOGY 2nd PAPER</b>	
Chapter 1: Animal diversity and Classification	9 periods
Chapter 2: Animal's Identity	9 periods
Chapter 3: Human Physiology: Digestion and Absorption	7 periods

1st Year Final (08 December 2019 to 21 March 2020)

Chapters	No. Of Periods
<b>BIOLOGY 1ST PAPER</b>	
Chapter 3: Cell Chemistry	9 periods
Chapter 4: Microbes	4 periods
Chapter 7: Gymnosperm & Angiosperm	7 periods
Chapter 8: Tissue and Tissue System	6 periods
Chapter 10: Plant Reproduction	6 periods
<b>BIOLOGY 2nd PAPER</b>	
Chapter 5: Breathing and Respiration.	7 periods
Chapter 6: Waste and Elimination	4 periods
Chapter 7: Movement and Locomotion	7 periods
Chapter 8: Coordination and Control	8 periods
Chapter 9: The Continuity of Human Life	7 periods

Pre Test (23 April, 2020 to 03 September 2020)

Chapters	No. Of Periods
BIOLOGY 1ST PAPER	
Chapter 9: Plant physiology	5 periods
Chapter 11: Biotechnology	7 periods
Chapter 12: Environment, Distribution and Conservation of Organism	5 periods
Chapter 3: Cell chemistry	5 periods
Biology 2nd Paper:	
Chapter 10: Immunity	6 periods
Chapter 11: Genetics and Evolution	7 periods
Chapter 12: Animal Behavior	6 periods

Test (27 September, 2020 to 5 November 2020)

Chapters	No. Of Periods
Biology 1st&2nd Paper Test examination will be held separately according to the full syllabus of 1st paper Revision (12 Periods) and 2nd paper book. [ Question will be set as per board pattern]	Revision (12 periods)

Question patterns and marks distribution:

a) Multiple Choice Question	1x30 = 25
b) Creative question	10x7 = 50
c) Practical	= 25
<u>Total</u>	<u>= 100</u>

AT:	05
CT:	20
Term Exam	75 (Converted from 100)
<u>Total</u>	<u>= 100</u>