



Syllabus (Science)

Serial No.	Subject	Lecture	Serial No.	Subject	Lecture
01	Bangla	12	06	Higher Mathematics	18
02	English	13	07	Biology	12
03	Physics	14	08	BGS	12
04	Chemistry	14	09	ICT	05
05	Mathematics	20	10	Religion and Moral Education	05
Total: 125 Lectures					

Bangla 1st & 2nd Paper

Lecture	Content
Ba-01	১ম পত্র- গদ্য: সুভা; কবিতা: জুতা-আবিষ্কার, বঙ্গবাণী ২য় পত্র- ব্যাকরণ: ভাষা ও বাংলা ভাষা, বাংলা ব্যাকরণ, বাংলা ভাষার রীতি ও বিভাজন, বাগ্যন্ত্র
Ba-02	১ম পত্র- গদ্য: বইপড়া, নিমগাছ; কবিতা: জীবন-সঙ্গীত ২য় পত্র- ব্যাকরণ: ধ্বনি ও বর্ণ, স্বরধ্বনি, ব্যঞ্জন ধ্বনি, বর্ণের উচ্চারণ
Ba-03	১ম পত্র- গদ্য: অভাগীর স্বর্গ; কবিতা: কপোতাক্ষ নদ, সেইদিন এই মাঠ ২য় পত্র- ব্যাকরণ: শব্দ ও পদের গঠন, উপসর্গ, সমাস, প্রত্যয়
Ba-04	১ম পত্র- গদ্য: উপেক্ষিত শক্তির উদ্ধোধন; কবিতা: মানুষ, আশা ২য় পত্র- ব্যাকরণ: সন্ধি, শব্দদ্বিত্ব, নরবাচক ও নারীবাচক শব্দ, সংখ্যাবাচক শব্দ, শব্দের শ্রেণিবিভাগ; নির্মিত: অনুচ্ছেদ লিখন
Ba-05	১ম পত্র- গদ্য: আম-আঁটির ভেঁপু, মানুষ মুহম্মদ (স); কবিতা: পল্লিজননী ২য় পত্র- ব্যাকরণ: পদ বিবেচনায় শব্দ (বিশেষ্য-আবেগ)
Ba-06	১ম পত্র- গদ্য: শিক্ষা ও মনুষ্যত্ব, নিয়তি; কবিতা: আমি কোন আগন্তুক নই ২য় পত্র- ব্যাকরণ: ক্রিয়ার কাল, বাক্যের অংশ ও শ্রেণিবিভাগ, বাক্যের বর্গ, উদ্দেশ্য ও বিধেয়; নির্মিত: সারাংশ/সারমর্ম ও ভাব-সম্প্রসারণ
Ba-07	১ম পত্র- গদ্য: প্রবাস বন্ধু, মমতাদি; কবিতা: রানার ২য় পত্র- ব্যাকরণ: সরল, জটিল ও যৌগিক বাক্য, বাক্যের রূপান্তর
Ba-08	১ম পত্র- গদ্য: একাত্তরের দিনগুলি; কবিতা: তোমাকে পাওয়ার জন্যে হে স্বাধীনতা, ঝর্ণার গান ২য় পত্র- ব্যাকরণ: কারক, বাচ্য; নির্মিত: চিঠিপত্র ও দরখাস্ত
Ba-09	১ম পত্র- গদ্য: পল্লিসাহিত্য, সাহিত্যের রূপ ও রীতি; কবিতা: আমার পরিচয় ২য় পত্র- ব্যাকরণ: যতিচিহ্ন, উক্তি, প্রতিশব্দ, বিপরীত শব্দ
Ba-10	১ম পত্র- গদ্য: পয়লা বৈশাখ; কবিতা: স্বাধীনতা, এই শব্দটি কীভাবে আমাদের হলে, সাহসী জননী বাংলা ২য় পত্র- বচন, বিভক্তি, ক্রিয়াবিভক্তি
Ba-11	১ম পত্র- উপন্যাস: কাকতালিয়া ২য় পত্র- ব্যাকরণ: বাগর্থ, বাগ্ধারা; নির্মিত: সংবাদ প্রতিবেদন
Ba-12	১ম পত্র- নাটক: বহির্গীর ২য় পত্র- ব্যাকরণ: শব্দজোড়; নির্মিত: প্রবন্ধ রচনা লিখন কৌশল

English 1st & 2nd Paper

Lecture	Content
E-01	1st Paper: Unit-01 (Lesson 1, 2 & 3) 2nd Paper: Fill in the gaps (With Clues)
E-02	1st Paper: Unit-01 (Lesson 4), Unit – 02 (Lesson 1 & 2); Unseen passages (Part-01) 2nd Paper: Fill in the gaps (Without Clues)
E-03	1st Paper: Unit-02 (Lesson 3, 4 & 5), Unit – 03 (Lesson 2 & 3); Matching 2nd Paper: Right Form of verbs
E-04	1st Paper: Unit-03 (Lesson 4, 5 & 6); Unseen (Part-02) 2nd Paper: Narration



E-05	1st Paper: Unit-04 (Lesson 1-5); Graph Chart 2nd Paper: Transformation (Simple, Complex & Compound); Formal letter writing
E-06	1st Paper: Unit- 05 (Lesson 1-4) Pie-chart 2nd Paper: Transformation: (Affirmative, Negative, Interrogative, Optative & Exclamatory)
E-07	1st Paper: Unit- 05 (Lesson 5), Unit-06 (Lesson 1-5), Story writing 2nd Paper: Transformation: (Voice & Comparison of Degrees)
E-08	1st Paper: Unit- 07 (Lesson 1, 2, 3, 5); Rearranging 2nd Paper: Completing Sentences
E-09	1st Paper: Unit- 07 (Lesson 7 & 8), Unit- 08 (Lesson 1 & 2) 2nd Paper: Suffix- Prefix, CV writing
E-10	1st Paper: Unit- 08 (Lesson 3 & 4), Unit- 09 (Lesson 1-3); Dialogue 2nd Paper: Tag Questions, Matching
E-11	1st Paper: Unit- 10 (Lesson 3 & 4), Unit-11: (Lesson 1 & 2), Paragraph 2nd Paper: Connector: (Part-01)
E-12	1st Paper: Unit-12 (Lesson 1, 2 & 3) & Unit-13 (Lesson 1 & 2), Email writing 2nd Paper: Connector: (Part-02), Punctuation & Capitalization
E-13	Unit-13 (Lesson 3), Unit- 14 (Lesson 6-11), Informal letter writing 2nd Paper: Paragraph; Composition; Overall revision of grammar

Physics

Lecture	Content
P-01	Chapter-02 Motion: 2.1-2.8 Up to Law of Falling Bodies
P-02	Chapter-02 Motion: 2.8 distance-time,, Velocity-time, acceleration-time Graphs Chapter-01 Physical Quantities and Their Measurements
P-03	Chapter-03 Force: 3.1-3.5
P-04	Chapter-03 Force: 3.6 to the end of the chapter
P-05	Chapter-04 Work, Power and Energy
P-06	Chapter-05 State of Matter and Pressure
P-07	Chapter-06 Effect of Heat on Matter
P-08	Chapter-07 Waves and Sound
P-09	Chapter-08 Reflection of Light
P-10	Chapter-09 Refraction of Light
P-11	Chapter-10 Static Electricity: 10.1-10.6
P-12	Chapter-10 Static Electricity: 10.7 to the end of the chapter and re-discussion-(10.4 Electric Force, 10.6 Electric Potential, 10.6.1 Potential Difference, 10.7 Capacitor) Chapter-13 Modern Physics and Electronics
P-13	Chapter-11 Current Electricity
P-14	Chapter-12 Magnetic Effects of Current Chapter-14 Physics to Save Lives

Chemistry

Lecture	Content
C-01	Chapter-01 Concepts of Chemistry Chapter-02 States of Matter
C-02	Chapter-03 Structure of Matter
C-03	Chapter-04 Periodic Table
C-04	Chapter-05 Chemical Bond
C-05	Chapter-05 Chemical Bond: 5.12 Re-discussion-(Characteristics of Ionic and Covalent Bonds) Chapter-06 Concept of Mole and Chemical Counting: 6.1-6.2
C-06	Chapter-06 Concept of Mole and Chemical Counting: 6.3 to the end of the chapter
C-07	Chapter-07 Chemical Reactions: 7.1 – 7.2.3 Before of (Non Redox Reaction)



C-08	Chapter-07 Chemical Reactions: 7.2.3 Non Redox Reaction to the end of the chapter
C-09	Chapter-08 Chemistry and Energy
C-10	Chapter-09 Acid-Base Balance
C-11	Chapter-10 Mineral Resources: Metal-Nonmetal
C-12	Chapter-11 Mineral Resources: Fossils: 11.1 –11.3
C-13	Chapter-11 Mineral Resources: 11.4 to the end of the chapter
C-14	Chapter-12 Chemistry in Our Lives

Mathematics

Lecture	Content
M-01	Chapter-03 Algebraic Expressions: 3.1 – 3.3
M-02	Chapter-03 Algebraic Expressions: 3.4 – 3.5 Chapter-01 Real Numbers
M-03	Chapter-02 Sets and Functions
M-04	Chapter-04 Exponents and Logarithms
M-05	Chapter-13 Finite Series
M-06	Chapter-11 Algebraic Ratio and Proportion
M-07	Chapter-05 Equations in One Variable Chapter-12 Simple Simultaneous Equations in Two Variables
M-08	Chapter-06 Lines, Angles and Triangles
M-09	Chapter-07 Practical Geometry
M-10	Chapter-08 Circle: 8.1 – 8.3
M-11	Chapter-08 Circle: 8.4 – 8.5
M-12	Chapter-14 Ratio, Similarity and Symmetry: 14.1 – 14.2; Similarity - theorem (32-35)
M-13	Chapter-14 Ratio, Similarity and Symmetry: 14.2; Similarity - Construction (12) – 14.3; Chapter-15 Area Related Theorems and Constructions: Area of a Plane Region- theorem (36-38)
M-14	Chapter-15 Area Related Theorems and Constructions: Area of a Plane Region- theorem (39) + Construction-(13-15)
M-15	Chapter-09 Trigonometric Ratio: 9.1 Trigonometric ratios of an acute angle
M-16	Chapter-09 Trigonometric Ratio: 9.2 Trigonometric ratios for the angles 30° , 45° and 60°
M-17	Chapter-10 Distance and Elevation
M-18	Chapter-16 Mensuration: 16.1 – 16.2
M-19	Chapter-16 Mensuration: 16.3 – 16.4
M-20	Chapter-17 Statistics

Higher Mathematics

Lecture	Content
H.M-01	Chapter-01 Set and Function
H.M-02	Chapter-02 Algebraic Expression
H.M-03	Chapter-03 Geometry: theorem (1-5); Exercises: 3.1; theorem (6-10)
H.M-04	Chapter-03 Geometry: theorem (11-12); Exercises: 3.2 Chapter-05 Equation: Exercises (5.1-5.2)
H.M-05	Chapter-05 Equation: Exercises (5.3-5.7)
H.M-06	Chapter-04 Geometric Constructions
H.M-07	Chapter-06 Inequality
H.M-08	Chapter-07 Infinite Series
H.M-09	Chapter-08 Trigonometry: Exercises (8.1-8.2)
H.M-10	Chapter-08 Trigonometry: Exercises 8.3 Chapter-09 Exponential and Logarithmic Function: Exercises 9.1 (Rational & Irrational Exponents)
H.M-11	Chapter-09 Exponential and Logarithmic Function: Exercises 9.1 (Roots and Rational Exponents); Exercises 9.2
H.M-12	Chapter-10 Binomial Expansion
H.M-13	Chapter-11 Coordinate Geometry: Exercises (11.1-11.3)



H.M-14	Chapter-11 Coordinate Geometry: Exercises 11.4
H.M-15	Chapter-12 Planar Vector
H.M-16	Chapter-13 Solid Geometry: Rectangular Parallelepiped, Cube, Prism, Pyramid
H.M-17	Chapter-13 Solid Geometry: Cone, Sphere, Compound Solid
H.M-18	Chapter-14 Probability

Biology

Lecture	Content
B-01	Chapter-01 Lessons on Life
B-02	Chapter-02 Cells and Tissues of Organisms: 2.1 – 2.3.1
B-03	Chapter-02 Cells and Tissues of Organisms: 2.3.2 to the end of the chapter Chapter-03 Cell Division
B-04	Chapter-04 Bioenergetics
B-05	Chapter-05 Food, Nutrition and Digestion: 5.1 – 5.8.2 (Up to Functions of liver)
B-06	Chapter-05 Food, Nutrition and Digestion: 5.8.2 (Pancreas) to the end of the chapter Chapter-07 Exchange of Gases
B-07	Chapter-06 Transport in Organisms
B-08	Chapter-08 Excretory System Chapter-09 Firmness and Locomotion
B-09	Chapter-10 Co-ordination
B-10	Chapter-11 Reproduction in Organism
B-11	Chapter-12 Heredity in Organisms and Evolution
B-12	Chapter-13 Environment of life Chapter-14 Biotechnology

Bangladesh And Global Studies

Lecture	Content
BGS-01	Chapter-01 The Political Movement in East Bengal and the Rise of Nationalism (1947-1970)
BGS-02	Chapter-02 The Independent Bangladesh
BGS-03	Chapter-03 The Solar System and the Earth
BGS-04	Chapter-04 The Configuration of Land and the Climate of Bangladesh
BGS-05	Chapter-05 The Rivers of Bangladesh and the Natural Resources Chapter-06 The State, Citizenship and Law
BGS-06	Chapter-07 The Organs of Bangladesh Government and the Administrative Systems Chapter-08 The Democracy of Bangladesh and the Election
BGS-07	Chapter-09 The United Nations and Bangladesh Chapter-10 Sustainable Development Goals (SDG)
BGS-08	Chapter-11 The National Resources and the Economic Systems
BGS-09	Chapter-12 The Economic Indicators and the Nature of the Economy of Bangladesh
BGS-10	Chapter-13 The Financial and Banking Systems of the Government of Bangladesh
BGS-11	Chapter-14 The Family Structure of Bangladesh and Socialisation Chapter-15 The Social Change of Bangladesh
BGS-12	Chapter-16 Social Problems of Bangladesh and Their Remedies

Information And Communication Technology

Lecture	Content
ICT-01	Chapter-01 Information and Communication Technology and Our Bangladesh Chapter-02 Computer and the Security of the User
ICT-02	Chapter-03 The Internet in My Education Chapter-04 My Writings and Accounts



ICT-03	Chapter-05 Multimedia and Graphics: Before of (Illustrator)
ICT-04	Chapter-05 Multimedia and Graphics: Illustrator to the end of the chapter
ICT-05	Chapter-06 The Use of Database

Islam and Moral Education

Lecture	Content
R-01	Chapter-01 Aqaid and Moral Life
R-02	Chapter-02 Sources of Akhirat
R-03	Chapter-03 Ibadat
R-04	Chapter-04 Akhlaq
R-05	Chapter-05 Model Lives

Hindu Religion and Moral Education

Lecture	Content
R-01	Chapter-01 Creator & Creation Chapter-04 Sangskers in Hinduism
R-02	Chapter-02 Faith, Origin and Manifestation of Hinduism Chapter-03 Religious Customs and Ceremonies
R-03	Chapter-05 Deitis & Puja Chapter-06 Yogasadhana
R-04	Chapter-07 Moral Education in Religious Book Chapter-09 Dharma Path (The Ways of Religion) and Ideal life
R-05	Chapter-08 Religious Episodes and Moral Education Chapter-10 Avatar and Story of Ideal Life

For any information regarding the program contact the number below

Branches in Dhaka:

Mirpur-01713-236705, Rupnagar-01713-236734, Cantonment-01713-236724, Uttara-01713-236707, Mohammadpur-01713-236701, Science Lab.-01713-236706
Farmgate(Green Road)-01713-236710, Farmgate (Malek Tower)-01713-236711, Shantinagar-01713-236857, Malibagh-01713-236702, Motijheel-01713-236908
Basabo - 01713-236722, Banshree - 01713-236723, Laxmibazar - 01713-236720, Jatrabari -01713-236719, Dania - 01713-236718, Savar - 01713-236721
Gazipur - 01713-236746, Narayanganj - 01713-236717, Konapara - 01713-236757, Tongi - 01713-236759, Bakshibazar - 01713-236712, Khilgaon - 01713-236768

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Kurigram-01713-236753, Lalmonirhat-01713-236777, Saidpur-01713-236741, Dinajpur-01713-236733, Thakurgaon-01713-236748, Panchagarh-01713-236778
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Norail - 01713-236788, Khulna - 01713-236715, Satkhira - 01713-236750, Pirojpur -01713-236790, Barishal-01713-236730, Rangpur (Khamar Mor)-01713-236783
Shariatpur -01713-236782, Gopalganj-01713-236760, Faridpur-01713-236732, Rajbari-01713-236786, Manikganj-01713-236763, Munshiganj-01713-236762
Brahmanbaria- 01713-236743, Narsingdi-01713-236738, Cumilla-01713-236728, Chandpur-01713-236765, Noakhali-01713-236745, Feni-01713-236744
Cox's Bazar-01713-236766, Chittagong (Chawkbazar)-01713-236714, Chittagong (Halisahar)-01713-236758, Sylhet-01713-236729, Habiganj-01713-236773
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