

Syllabus [Full Course]

| S/L | Subject | Chapter | Lecture |
|-----|------------------------|---------|-------------------|
| 1 | Math | 1 to 11 | 67 |
| 2 | Science | 1 to 14 | 56 |
| 3 | BGS | 1 to 11 | 39 |
| 4 | ICT | 1 to 5 | 10 |
| 5 | Bangla 1st & 2nd Paper | - | 58 |
| 6 | Englsh 1st & 2nd Paper | - | 68 |
| | | | Total: 298 |

Math Syllabus

| Chapter | Lecture | Lecture-based discussion topics |
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| Chapter- 01 Patterns | M-01 | Patterns, Patterns of Natural Numbers, Sum of Patterns, Exercise Problems: (1-6) |
| | M-02 | Magic Square of Order 3,4, and 5, Play with numbers |
| | M-03 | Geometric Patterns, Example- 4 |
| | M-04 | Sample Questions: (1-8) |
| Chapter- 02 Profits | M-05 | Exercise-2.1 Profit-Loss, Simple profit, Problems related to simple profit, Example: (1,6) |
| | M-06 | Exercise Problems: 1-15 |
| | M-07 | Exercise Problems: 16-20, Sample CQ |
| | M-08 | Exercise-2.1 Compound Profit Example: (1-4) |
| | M-09 | Example- 5, Exercise Problems: (1-7) |
| | M-10 | Sample Questions: (1-7) |
| Chapter- 03 Measurement | M-11 | Exercise-3 System of Measurements, Transformation of Units, Example:(1-9) |
| | M-12 | Exercise Problems: (1-16) Related to Area |
| | M-13 | Example: 10-16 (Volume and Problems related to Application of Volume) |
| | M-14 | Exercise Problems: (17-22) |
| | M-15 | Sample Questions: (1-8) |
| | M-16 | Exercise-4.1 Formulae of squares, Corollaries, Example: (1-15) |
| Chapter- 04 Algebraic Formulae and Applications | M-17 | Exercise Problems: (1-14) |
| | M-18 | Exercise-4.2 Formulae of cubes and corollaries, Example: (16-29) |
| | M-19 | Application of formulae of cubes and related to determination of values, Exercise Problems: (1,2) |
| | M-20 | Related to determination of values, Exercise Problems: 3-14) |
| | M-21 | Determination of product by using formulae, Exercise Problems: 15 |
| | M-22 | Exercise-4.3 Factorization, Example: (1-10) |
| | M-23 | Exercise Problems: (1-44) |
| | M-24 | Exercise-4.4 , H.C.F. Example: (1-3), Exercise Problems: (1-13) |
| | M-25 | L.C.M, Example: (4-6), Exercise Problems: (14-20), Sample Questions: (a-b) |
| | M-26 | Exercise-5.1 , Algebraic Fractions, Lowest Form of Fraction, Fractions with a common denominator, Example: (1-2), Exercise Problems: (1,2) |
| Chapter- 05 Algebraic Fractions | M-27 | Addition and Substraction of Fractions, Example: (3-6), Exercise Problems (3,4), Sample CQ |
| | M-28 | Simplification, Example- 7, Exercise Problems: 5 |
| | M-29 | Exercise-5.2 Multiplication and division of fractions, Example: (8-9), Exercise Problems: (1-8) |
| | M-30 | Simplification, Example- 10, Exercise Problems: 9 |
| | M-31 | Exercise Problems: (10-11), Probable Questions: (1-8) |
| | M-32 | Exercise-6.1 , Simple Simultaneous Equations, Substitution Method, Exercise Problems: (1-12), Example- (1-4) |

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| Chapter-06 Simple Simultaneous Equations | M-33 | Elimination Method, Exercise Problems: (13-26), Sample CQ, Example- (5-8) |
| | M-34 | Exercise-6.2 Forming simple simultaneous equation from real life problems and solve, Exercise Problems: (1-14) Example- (1-5) |
| | M-35 | Solve simple simultaneous equations using graph, Sample Questions: (1-8), Exercise Problems: (15-16), Example: (6,7) |
| | M-36 | Exercise-7 Method of expressing set, Classification, Venn-diagram |
| Chapter- 07 Set | M-37 | Subset, Universal Set, Complement of a Set, Example: (1-6), Exercise Problems: (1-10) |
| | M-38 | Set Operations (Union of sets, Intersection of Sets, Disjoint Set), Example: (7-14) |
| | M-39 | Exercise Problems: (11-12), Sample Questions: (1-8) |
| | M-40 | Exercise-8.1 , Quadrilateral, Types of Quadrilaterals, Theorem: 1,2 |
| Chapter- 08 Quadrilateral | M-41 | Theorem: 3,4 |
| | M-42 | Theorem-5, Area of Quadrilaterals, Volume and Surface Area of solids |
| | M-43 | Exercise Problems: 1-13 |
| | M-44 | Exercise Problems: 14-19 |
| | M-45 | Sample CQ |
| | M-46 | Exercise-8.2 Construction of Quadrilaterals, Construction: 1-4 |
| | M-47 | Construction: 5-7, Sample Questions |
| | M-48 | Exercise Problems: (1-15) |
| | M-49 | Sample Questions: (1-7) |
| | M-50 | Exercise-9 , Right angled Triangle, Theorem of Pythagoras, Alternative Proof (By using similar angle triangles) |
| Chapter- 09 Pythagoras Theorem | M-51 | Exercise: (1-8) |
| | M-52 | Alternative Proof of Pythagoras Theorem (Algebraic Proof), Converse of Pythagoras Theorem |
| | M-53 | Exercise Problems: (9-12) |
| | M-54 | Exercise Problems: (13-16) |
| | M-55 | Sample Questions: (1-7) |
| | M-56 | Exercise-10.1 , Chord, arc, diameter and circumference of a circle, Theorem: 1, Corollary-(1,2) |
| Chapter- 10 Circle | M-57 | Exercise Problems: 1-4, Sample Questions |
| | M-58 | Exercise-10.1 – Exercise Problems: 5,6; Exercise-10.2 - Theorem: 2 |
| | M-59 | Theorem: 3, Example- 4, Sample Questions |
| | M-60 | Exercise Problems: 1-4, (Exercise-10.2) |
| | M-61 | Exercise Problems: 5-6, Sample CQ |
| | M-62 | Exercise-10.3 Ratio of circumference and diameter of a circle, Area, Volume and surface area of a cylinder, Example- (1-5) |
| | M-63 | Exercise Problems: (1-9), Probable Questions: (1-6) |
| | M-64 | Exercise-11 , Information and data, Frequency Distribution Table, Diagram (Histogram, Pie-chart), Example: (1-3) |
| Chapter- 11 Information and Data | M-65 | Central tendency, Arithmetic Mean, Arithmetic mean of disorganized data (Short-cut method), Arithmetic mean of organized data, Example-(4,5) |
| | M-66 | Median, Mode, Example-(6-9), Exercise Problems: (1-6) |
| | M-67 | Exercise Problems: (7-12), Sample Questions |

Science

| Chapter | Lecture | Lecture-based discussion topics |
|--|-------------|--|
| Chapter- 01 Classification of Animal World | S-01 | Lesson 1: Classification of animal world |
| | S-02 | Lesson 2-5: Classification of invertebrate animals: Phylum-(Porifera, Cnidaria, Platyhelminthes, Nematoda) |
| | S-03 | Classification of invertebrate animals (Phylum- (Annelida, Arthropoda, Mollusca, Echinodermata) |
| | S-04 | Lesson 6-8: Classification of vertebrate animals (Phylum – Chordata) Class- Up to Amphibia |
| | S-05 | Lesson 6-8: Classification of vertebrate animals (Class-Reptilia, Class-Mammalia), Lesson 9: Necessity of classification |
| Chapter- 02 Growth and Heredity of Living Organism | S-06 | Lesson 1: Types of cell division |
| | S-07 | Lesson 2-4: (The process of mitosis cell division, Pro-metaphase) |
| | S-08 | Metaphase, Anaphase and Telophase |
| | S-09 | Lesson 5-9: (Meiosis, The role of chromosome) Sample Creative |
| Chapter- 03 Diffusion, Osmosis and Transpiration | S-10 | Lesson1-2: Diffusion |
| | S-11 | Lesson 3-4: (Osmosis, Importance of osmosis) |
| | S-12 | Lesson 5: Absorption of water and mineral salts |
| | S-13 | Lesson 6-7: (Transpiration, Significance of transpiration) |
| | S-14 | Lesson 8-10: (Transportation of water and mineral salts), Sample Creative |

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| Chapter- 04 Reproduction in Plants | S-15 | Lesson 1-4: (Reproduction, Sexual reproduction) |
| | S-16 | Lesson 5-6: Pollination |
| | S-17 | Lesson 7-10: (Fertilization and Fruit formation) |
| | S-18 | (Structure of seeds and its germination), Sample Creative |
| Chapter- 05 Co-ordination and Secretion | S-19 | Lesson 1-3: Co-ordination in plants |
| | S-20 | Lesson 4-7: (Nervous system, Brain), Sample Creative |
| | S-21 | Lesson 8-10: Spinal cord |
| | S-22 | Lesson 11-12: (Excretory system), Sample Creative |
| Chapter- 06 The Structure of Atoms | S-23 | Lesson 1-6: (The evolution of the idea of atoms and their structure, Atomic number, mass number and isotopes) |
| | S-24 | Lesson 7-8: (The properties and application of isotopes), Sample Creative |
| | S-25 | Lesson 9-11: The way the electrons are distributed in an atom |
| | S-26 | Lesson 12-13: (The electron distribution and properties of elements), Sample Creative |
| Chapter- 07 The Earth and Gravitation | S-27 | Lesson 1: (Gravitation and Newton's law), Mathematical problem |
| | S-28 | Lesson 2,3,6: (Gravity and the acceleration due to gravity, the acceleration due to gravity and the weight of an object are different at different places on the Earth) |
| | S-29 | Lesson 4-5: (Mass and weight, The relation between mass and weight), Mathematical problem |
| | S-30 | Lesson 7-8: (The variation of weight in a lift and in space: Weightlessness), Sample Creative |
| Chapter- 08 Chemical Reaction | S-31 | Lesson 1-2: Symbol, Formula and valency |
| | S-32 | Lesson 3-4: (Chemical equation), Sample Creative |
| | S-33 | Lesson 5-9: (Chemical reaction: addition, Combustion reaction, Substitution or displacement reaction) |
| | S-34 | Lesson 10-14: Transformation of energy through chemical reaction, Dry cells) |
| Chapter- 09 Electric Circuits and Current Electricity | S-35 | Lesson 1: Electric potential and electric current |
| | S-36 | Lesson 2-5: (Different types of current flow, Resistance) |
| | S-37 | Lesson 6-8: Electric circuit (A Series of circuit, A Parallel circuit) |
| | S-38 | Lesson 9-12: (Ammeter and voltmeter, Fuses, the effective use of electricity and to stop its wastage), Sample Creative |
| Chapter- 10 Acid, Base and Salt | S-39 | Lesson 1-4: Acid, base and indicators |
| | S-40 | Lesson 5-6: Use of acids and bases |
| | S-41 | Lesson 7-10: Some important properties of acid and alkali |
| | S-42 | Lesson 11-13: Acid, alkali and salt identification, Sample Creative |
| Chapter- 11 Light | S-43 | Lesson 1-3: (The refraction of light, Laws of refraction of light) |
| | S-44 | Lesson 4-7: (Practical application of refraction, Total internal reflection and critical angle) |
| | S-45 | Lesson 8-10: (Optical fibre and magnifying glass Optical fibre, Human eye) |
| | S-46 | Photographic camera, Re-discussion and Sample Creative |
| Chapter- 12 The Outer Space and Satellites | S-47 | Lesson 1-3: (The outer space, The Universe How the Universe is defined, Natural Planet or Satellite) |
| | S-48 | Lesson 4-7: (Artificial Satellites and history of their development, The movement of an Artificial Satellite, The importance and uses of Artificial Satellites), Sample Creative |
| Chapter- 13 Food and Nutrition | S-49 | Lesson 1-3: (Nutrition, nutrition value and food elements, Carbohydrate and protein) |
| | S-50 | Proteins |
| | S-51 | Lesson 4-5: Lipids |
| | S-52 | Lesson 6: Vitamins |
| | S-53 | Lesson 7: (Vitamin 'C', Vitamin 'D', Rickets, Osteomalacia, Vitamin 'E', Vitamin 'K') |
| | S-54 | Lesson 8-9: (Mineral salt, Deficiency related disease) |
| Chapter- 14 Environment and Ecosystem | S-55 | Lesson 1-5: (Ecosystem, Components of ecosystem, Types of ecosystems) |
| | S-56 | Lesson 6-10: (Food chain and Food web, Energy flow in the ecosystem, Role of ecosystem in maintaining balance of nature) |

BGS

| Chapter | Lecture | Lecture-based discussion topics |
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| Chapter: 1 Colonial Age and the Liberation War of Bengal | BGS- 1 | Lesson-1: Colonial Rule in Bengal (Political Background of the Bengal: Pre-Colonial Rule) |
| | BGS- 2 | Lesson-2: The Arrival of the Europeans and the Expansion of Trade in Bengal, Lesson- 3: Victory of Colonial Power in Bengal |
| | BGS- 3 | Lesson-4 & 5: The Colonial Rule and Exploitation |
| | BGS- 4 | Lesson-6 & 7: Reaction of Colonial Rule: Renaissance in Bengal and Anti-British Movement (Swadhikar Andolan) Lesson-8: Lahore Proposal and Establishment of Pakistan |

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| <p>Chapter: 2 Description of Archaeological Heritage of Colonial Age</p> | <p>BGS- 5</p> | <p>Lesson-1: Archaeological Works of Dhaka city, Lesson-2: Archaeological Sites Outside Dhaka, Lesson-3: Archaeological Resources Preserved at Museum</p> |
| <p>Chapter: 3 The Liberation War of Bangladesh and Democratic Struggles</p> | <p>BGS- 6</p> | <p>Lesson-1: Background of Liberation War, Lesson-2: Speech of 7th March</p> |
| | <p>BGS- 7</p> | <p>Lesson-3: The Gruesome Mass Killings of 25th March, Lesson- 4: Declaration of Independence</p> |
| | <p>BGS- 8</p> | <p>Lesson-5: Preparation For Liberation War and the Formation of Interim Government, Lesson-6: Formation and Activities of the Liberation Forces (The 11 Sectors of the Liberation War, Brigade Forces, Regular and Irregular Forces, Regional Force, Contribution of Women)</p> |
| | <p>BGS- 9</p> | <p>Lesson-7: Anti-Liberation Forces in the Liberation War, Lesson-8: The Help and Assistance from Home and Abroad in Liberation War- (A) The Role of Expatriated Bangalees and Diplomatic Activities, (B) Role of Other Countries of the World, Soviet Union, United States, International News Media and Journalists)</p> |
| | <p>BGS- 10</p> | <p>Lesson-9: Final Battle under the Command of Joint Forces (Last Battle of the Joint Forces), Lesson-10: Genocide (Mass Killing) and Tortures, Lesson-11: Surrender of Pakistani Forces</p> |
| | <p>BGS- 11</p> | <p>Lesson-12: Democratic Movements in Bangladesh: The Mass Uprisings, The Mass Uprising of 1990, Causes of the Mass Uprising of the 1990s, July Mass Uprising, Causes of the July Uprising, The Fall of Sheikh Hasina and the End of Fascism</p> |
| <p>Chapter: 4 Economy of Bangladesh</p> | <p>BGS- 12</p> | <p>Lesson-1: Gross Domestic Product (GDP), Gross National Product (GNP), Per Capita Income (PCI)</p> |
| | <p>BGS- 13</p> | <p>Lesson-2: Contribution of Different Sectors to the Gross Domestic Income of Bangladesh (a) Agriculture Sector, (b) Fishery, (c) Industry Sector, (d) Wholesale and Retail Marketing, (e) Transport and Communication, (f) Health and Welfare Sector, Significance of GDP in the Economy of Bangladesh, Lesson-3: Human Resource Development in Bangladesh (Human Resource Development, Human Resource Development in Bangladesh)</p> |
| | <p>BGS- 14</p> | <p>Lesson-4: Human Development Index (The Position of Bangladesh in Human Resource Development Index), Lesson-5: Comparison among Bangladesh and Some Developing Countries, Lesson-6: Expatriates Income or Remittance (Impact of Expatriate's Remittances on the Economy)</p> |
| <p>Chapter: 5 Bangladesh: State and Government System</p> | <p>BGS- 15</p> | <p>Lesson-1: Types of Government, Lesson-2: Government System of Bangladesh</p> |
| | <p>BGS- 16</p> | <p>Lesson-3: Fundamental State Policies of Bangladesh (1. Nationalism, 2. Socialism, 3. Democracy, 4. Secularism), Lesson- 4: The Main Characteristics of Bangladesh Constitution</p> |
| | <p>BGS- 17</p> | <p>Lesson-5: Different organs and functions of the Government of Bangladesh (Legislative, Executive, Judiciary)</p> |
| | <p>BGS- 18</p> | <p>Lesson-6: Structure and Functions of Local Government (Formation of Local Government, Union Parishad, Upazila Parishad, District Council, Pourashava, City Corporation, Functions of Local Government, Functions of a Union Parishad, Functions of Upozila Parishad, Functions of District Council, Functions of Pourashava, Functions of City Corporation), Lesson-7: Good Governance in Government Administration</p> |
| <p>Chapter: 6 Cultural Changes in Bangladesh</p> | <p>BGS- 19</p> | <p>Lesson-1: Cultural Change and Development Idea of Bangladesh, Lesson-2: Social Change and Characteristics of Development</p> |
| | <p>BGS- 20</p> | <p>Lesson- 3: Different Aspects of Cultural Change and Development (Span of Culture, Acculturation, Cultural Absorption, Cultural Ideals, Technology and Cultural Development), Lesson-4: Different Cultural Changes and Development in Respect of Bangladesh (Different Cultural Development)</p> |
| | <p>BGS- 21</p> | <p>Lesson-5: The Sequence of Cultural Modifications and Developments in Bangladesh (Visual Art, Literature, Musical Art)</p> |
| <p>Chapter: 7 Socialization</p> | <p>BGS- 22</p> | <p>Lesson- 1: Impacts of Different Institutions in Socialization (1. Family, 2. Neighbors, 3. Different Elements of a Local Society, 4. Same Age Companions, 5. Educational Institutions, 6. Political Institutions)</p> |
| | <p>BGS- 23</p> | <p>Lesson- 2: Impacts of Different Factors on Socialization (Imitation, Suggestion, Incorporation, Language), Lesson- 3: Socialization Process in the Villages and Cities of Bangladesh (Socialization Process in the Villages, Socialization Process in the Cities)</p> |
| | <p>BGS- 24</p> | <p>Lesson- 4: The Role of Information and Communication Technology and Media in Individual's Socialization (Newspapers, Radio, Television, Cinema, Influence of Information and Communication Technology (Electronic Mail, World Wide Web, Electronic Commerce, Facebook and X), Lesson-5: Globalization and Socialization Process</p> |
| <p>Chapter: 8 Ethnic Groups of Bangladesh</p> | <p>BGS- 25</p> | <p>Lesson-1: Geographical Location of Bangladeshi Ethnic Groups, Lesson-2: The Chakmas (Social Life, Economic Life, Religious Life, Cultural Life)</p> |
| | <p>BGS- 26</p> | <p>Lesson- 3: The Garos (Social Life, Economic Life, Religious Life, Cultural Life), Lesson-4: The Santals (Social Life, Economic Life, Religious Life, Cultural Life)</p> |
| | <p>BGS- 27</p> | <p>Lesson-5: The Marmas (Social Life, Economic Life, Religious Life, Cultural Life), Lesson-6: The Rakhains (Social Life, Economic Life, Religious Life, Cultural Life), Lesson-7: The Mixture and Exchange of the Cultures of the Ethnic People of Chakma, Marma, Santal and Rakhain with the Bangalees of Bangladesh (Language, Festivals, Games and Sports, Economy, Culture, Politics)</p> |

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| Chapter: 9 Social Problems of Bangladesh | BGS- 28 | Lesson-1: The Idea and the Causes of Juvenile Delinquency (Offence), Lesson-2: The Effect and the Prevention of Juvenile Offence (Preventive Measures, The Consciousness and Responsibility of Guardians, Socio-Economic Programme, Education Opportunities, Recreation) |
| | BGS- 29 | Lesson-3: The Concept and Causes of Drug Addiction, Lesson-4: The Impacts and Prevention of Juvenile Drug Addiction (Preventive Steps, Laws of Drug Addiction Control) |
| Chapter: 10 Population and developmet of Bangladesh | BGS- 30 | Lesson-1: Population Policy of Bangladesh, Lesson-2: Government and Non-Government Initiatives to Control Population (Government Initiatives, Non-Government Initiatives) |
| | BGS- 31 | Lesson-3: The Relation Between Population and Human Resources, Lesson-4: The Strategy or Technique of Converting Population into Resources |
| Chapter: 11 Climate and Natural Disasters in Bangladesh | BGS- 32 | Lesson-1: The Concept of Global Warming, Lesson-2: The causes of global warming |
| | BGS- 33 | Lesson-3: The Concept and Kinds of Disaster, Lesson-4 & 5: Different Kinds of Natural Disasters (Earthquake, Tsunami, Landslide or Landfall, Fire) |
| | BGS- 34 | Lesson-6: Causes of Natural Disaster (Geographical Position, Soil Structure, Climate, Rivers and Canals), Lesson-7: The Impacts of Natural Disasters on Life and Economy of Bangladesh |
| | BGS- 35 | Lesson-8: Duties and Responsibilities During Natural Disasters, Duties and Responsibilities During Floods and Cyclones (Pre-Disaster Measures, During Disaster Dos, Post-Disaster Actions, Dos to Prevent River Erosion, Measures to Prevent Drought, Measures to Prevent Earthquakes, Preparation Before Earthquake) |
| Chapter: 12 Natural Resources of Bangladesh | BGS- 36 | Lesson-1: Different Natural Resources of Bangladesh (Soil, Rivers, Mine Resources, Forest Resources, Fish Resources, Animal Resources, Sea/Marine Resources) Lesson-2: Role of Natural Resources in Socio-economic Development (Role of Natural Resources in Development of Bangladesh, Production and Creating Employment, Meeting Demands of Balanced Diet, Providing Irrigation Facilities, Industrial Development and Trade Expansion, Forest Resources) Lesson-3: Bio-Diversity in Bangladesh (Bio-diversity, The Condition of Bio-Diversity in Bangladesh) |
| | BGS- 37 | Lesson-4: Main Industries in Bangladesh (Jute Industry, Textile Industry, Garment Industry, Sugar Industry, Paper Industry, Fertilizer Industry, Cement Industry, Drug Industry, Leather Industry, Tea Industry, Cotton, Prawn/Shrimp), Lesson-5: The Contribution of Industry to Socio-Economic Development of Bangladesh (Industry in Socio-Economic Development, The Impact of Industrial Development in Bangladesh) |
| Chapter: 13 Bangladesh and Various Regional and International Associate Organizations | BGS- 38 | Lesson-1: United Nations International Children's Emergency Fund (UNICEF), Lesson-2: United Nations Educational Scientific and Cultural Organization (UNESCO) |
| | BGS- 39 | Lesson-3: United Nations Development Program (UNDP), Lesson-4: Food and Agricultural Organization (FAO), Lesson-5: World Health Organization (WHO), Lesson-6: United Nations Fund for Population Activities (UNFPA) |

ICT

| Chapter | Lecture | Lecture-based discussion topics |
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| Chapter- 01 The Importance of Information & Communication Technology | ICT- 01 | Lesson 1: The Importance of Information and Communication Technology, Lesson 2: Information and Communication Technology in Creating and Getting Job, Lesson 3: Communication, Lesson 4: Importance of Information and Communication Technology in Business, Lesson 5: The Application of Information and Communication Technology in Government Activities, Lesson 6: Healthcare, Lesson 7: Research |
| Chapter- 02 Computer Network | ICT- 02 | Lesson 8: The Idea of Network (Server, Client, Media, Resource, User, Protocol), Lesson 9: Topology (Bus Topology, Ring Topology, Star Topology, Mesh Topology, Hybrid Topology), Lesson 10: Use of Network, Lesson 11: Use of Network |
| | ICT- 03 | Lesson 12: Network Related Devices (Hub, Switch, Router), Lesson 13: Some More Network Related Devices (Modem, LAN Card), Lesson 14: Satellite and Optical Fibre (Satellite, Optical Fibre) |
| Chapter- 03 Safe and Ethical Use of Information & Communication Technology | ICT- 04 | Lesson 15: The Idea of Security, Lesson 16: Malicious Software, Lesson 17: Computer Virus (The History of Virus, Types of Viruses, The Way to Get Rid of Malware), Lesson 18: Online Identity and Its Safety (Computer Hacking) |
| | ICT- 05 | Lesson 19: Cyber Crime Spam, Fraud, Threatening, Cyber Battle), Lesson 20: Eradication of Corruption, Lesson 21: Right to Information and the Right to Information Act |
| Chapter- 04 Use of Spreadsheet | ICT- 06 | Lesson 22: Spreadsheet (Concept of Spreadsheet, What is Spreadsheet Programme?, Spreadsheet and ICT, Objectives of Using Spreadsheet Software, Lesson 23-43: (Part-01) The Technique of Using Spreadsheet Software (Title Bar, Office Button, Quick Access Toolbar, Ribbon, Bar or Formula Bar to Show the Positioning of Cells and the Items of Cell, Status Bar, Sheet Tab, The System of Opening New Worksheet, The Technique of Using New Spreadsheet software, Arithmetical Functions in Spreadsheet Programme- Addition, Subtraction, Drawing Bar Diagram |

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| | ICT-07 | Lesson 23-43: (Part- 02) The Technique of Using Spreadsheet Software (Title Bar, Office Button, Quick Access Toolbar, Ribbon, Bar or Formula Bar to Show the Positioning of Cells and the Items of Cell, Status Bar, Sheet Tab, The System of Opening New Worksheet, The Technique of Using New Spreadsheet software, Arithmetical Functions in Spreadsheet Programme- Addition, Subtraction, Drawing Bar Diagram |
| Chapter- 05 Use of the Internet in Education and in Daily Life | ICT-08 | Lesson 44: Use of the Internet in Daily life, Lesson 45 Influence of the Internet in Education, Lesson 46: The Role of the Internet in Solving Everyday Problems (Incident-1,2) |
| | ICT-09 | Lesson 47-69: (Part- 01) email (Opening an email Account, sending an e-mail, How to Sign out from your e-mail account, to send an attachment) |
| | ICT-10 | Lesson 47-69: (Part- 02) email (Opening an email Account, sending an e-mail, How to Sign out from your e-mail account, to send an attachment) |

বাংলা ১ম ও ২য় পত্র

| লেখক | লেখক | লেখক |
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| লেখক | লেখক | লেখক |
| Ba-01 | গদ্য: অতিথির স্মৃতি | |
| Ba-02 | ২য় পত্র: ভাষা, মাতৃভাষা ও রাষ্ট্রভাষা, সাধু ও চলিত রীতির পার্থক্য, নির্মিত: রচনা- বাংলাদেশের ষড়ঋতু | |
| Ba-03 | কবিতা: মানবধর্ম; | |
| Ba-04 | ২য় পত্র: ধ্বনি ও বর্ণ (বর্ণের উচ্চারণ স্থান পর্যন্ত) নির্মিত: রচনা- বাংলা নববর্ষ | |
| Ba-05 | আনন্দপাঠ: কাকতালুয়া | |
| Ba-06 | ২য় পত্র: ধ্বনি ও বর্ণ (বর্ণের উচ্চারণ প্রকৃতি), ম-ফলা ও ব-ফলার উচ্চারণ | |
| Ba-07 | গদ্য: পড়ে পাওয়া | |
| Ba-08 | ২য় পত্র: সারাংশ ও সারমর্ম, | |
| Ba-09 | কবিতা: বঙ্গভূমির প্রতি | |
| Ba-10 | ২য় পত্র: সন্ধি, বিসর্গ সন্ধি নির্মিত: ভাবসম্প্রসারণ- এ জগতে,হায়, সেই বেশি চায় আছে যার ভূরি ভূরি রাজার হস্ত করে সমস্ত কাঙালের ধন চুরি। | |
| Ba-11 | আনন্দপাঠ: নয়া পতন | |
| Ba-12 | ২য় পত্র: ব্যঞ্জন সন্ধি নির্মিত: ভাবসম্প্রসারণ- করিতে পারি না কাজ, সদা ভয়, সদা লাজ, সংশয়ে সংকল্প সদা টলে, পাছে লোকে কিছু বলে। | |
| Ba-13 | গদ্য: ভাব ও কাজ | |
| Ba-14 | ২য় পত্র: স্বরসন্ধি নির্মিত: ভাবসম্প্রসারণ- বিশ্বের যা-কিছু মহান সৃষ্টি চির-কল্যাণকর অর্থে তার করিয়াছে নারী, অর্থে তার নর | |
| Ba-15 | কবিতা: প্রার্থনা | |
| Ba-16 | ২য় পত্র: পত্র রচনা: ব্যক্তিগত পত্র, আবেদন পত্র, নিমন্ত্রণপত্র | |
| Ba-17 | আনন্দপাঠ: হেমাপ্যাথি, এ্যালাপ্যাথি | |
| Ba-18 | ২য় পত্র: শব্দ ও পদ, লিপ্যন্তরের নিয়ম ও উদাহরণ নির্মিত: রচনা- দৈনন্দিন জীবনে বিজ্ঞান | |
| Ba-19 | গদ্য: লাইব্রেরি | |
| Ba-20 | ২য় পত্র: বহুবচন গঠনের নিয়ম ও উদাহরণ নির্মিত: রচনা- বিজয় দিবস | |
| Ba-21 | কবিতা: দুই বিঘা জমি | |
| Ba-22 | ২য় পত্র: বিশেষ্যের শ্রেণিবিভাগ নির্মিত: রচনা- ট্রেনে ভ্রমণ | |
| Ba-23 | আনন্দপাঠ: ডেভিড কপারফিল্ড | |
| Ba-24 | ২য় পত্র: নির্দেশক সর্বনামের রূপ, ধাতু (মৌলিক) নির্মিত: ভাব-সম্প্রসারণ- জন্মিলে মরিতে হবে অমর কে কোথা কবে চিরস্থির কবে নীর হয় রে জীবন নদে? | |
| Ba-25 | গদ্য: তেলচিত্রের ভূত | |
| Ba-26 | ২য় পত্র: ধাতু (সোধিত) ও ক্রিয়াপদ, সক্রমক ও অক্রমক ক্রিয়া নির্মিত: ভাব-সম্প্রসারণ- আমার ভাইয়ের রক্তে রাঙানো একশে ফেরুয়ারি, আমি কি ভুলিতে পারি। | |
| Ba-27 | কবিতা: পাছে লোকে কিছু বলে | |
| Ba-28 | ২য় পত্র: প্রবন্ধ রচনা | |
| Ba-29 | গদ্য: সুখী মানুষ | |
| Ba-30 | ২য় পত্র: ক্রিয়ার কাল নির্মিত: ভাব-সম্প্রসারণ- বাংলার ইতিহাস এ দেশের মানুষের রক্ত দিয়ে রাজপথ রঞ্জিত করার ইতিহাস। | |
| Ba-31 | কবিতা: বাবুরের মহত্ব | |
| Ba-32 | ২য় পত্র: শব্দগঠন: ধন্যাত্মক শব্দ, অনুকার শব্দ ও শব্দদ্বৈত নির্মিত: ভাব-সম্প্রসারণ- সজ্ঞ দোষে লোহা ভাসে। | |
| Ba-33 | আনন্দপাঠ: মুক্তি | |
| Ba-34 | ২য় পত্র: শব্দগঠন: প্রাথমিক ধারণা নির্মিত: ভাব-সম্প্রসারণ- লোভে পাপ, পাপে মৃত্যু। | |
| Ba-35 | গদ্য: শিল্পকলার নানা দিক | |
| Ba-36 | ২য় পত্র: ৬, ৬.১, ৬.২ বাক্য, বাক্য গঠনের শর্ত, খণ্ড বাক্য, স্বাধীন ও অধীন খণ্ডবাক্য | |
| Ba-37 | কবিতা: নারী | |
| Ba-38 | আনন্দপাঠ: ফিলিস্তিনের চিঠি | |
| Ba-39 | ২য় পত্র: ৬.৩ সরল, জটিল ও যৌগিক বাক্যের গঠন | |
| Ba-40 | গদ্য: মংদুর পথে | |
| Ba-41 | কবিতা: আবার আসিব ফিরে | |

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| Ba-42 | ২য় পত্র: বিরামচিহ্ন, কমা, সেমিকোলন, কোলন ও হাইফেনের ব্যবহার নির্মিত: ভাব-সম্প্রসারণ- জ্ঞানহীন মানুষ পশুর সমান। |
| Ba-43 | আনন্দপাঠ: তিরন্দাজ |
| Ba-44 | গদ্য: বাংলা নববর্ষ |
| Ba-45 | কবিতা: রূপাই |
| Ba-46 | ২য় পত্র: বানানের কয়েকটি সাধারণ নিয়ম পার্ট-১ নির্মিত: রচনা- স্বদেশপ্রেম |
| Ba-47 | কবিতা: নদীর স্বপ্ন |
| Ba-48 | গদ্য: বাংলা ভাষার জন্মকথা |
| Ba-49 | ২য় পত্র: বানানের কয়েকটি সাধারণ নিয়ম পার্ট-২ নির্মিত: রচনা- অধ্যবসায় |
| Ba-50 | কবিতা: জাগো তবে অরণ্য কন্যারা |
| Ba-51 | ২য় পত্র: অভিধান, বর্ণানুক্রম, ভুক্তি ও শীর্ষশব্দ |
| Ba-52 | আনন্দপাঠ: নাটক: মানসিংহ ও ঈসা খাঁ |
| Ba-53 | ২য় পত্র: শব্দার্থ, একই শব্দ বিভিন্ন অর্থে প্রয়োগ করে বাক্য রচনা, সমার্থক শব্দ প্রয়োগে বাক্য রচনা নির্মিত: ভাবসম্প্রসারণ- একতাই বলা |
| Ba-54 | গদ্য: গণঅভ্যুত্থানের কথা |
| Ba-55 | কবিতা: প্রার্থী |
| Ba-56 | ২য় পত্র: বিপরীতার্থক শব্দ প্রয়োগে বাক্য রচনা, বাগধারা |
| Ba-57 | আনন্দপাঠ: ভ্রমণ কাহিনি: কাবুলের শেষ প্রান্তরে |
| Ba-58 | কবিতা: একুশের গান |

English 1st & 2nd Paper

| Lecture | Lecture-based discussion topics |
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| E-01 | 1st Paper: Unit-01; Lesson – 1 & 2 With Syllabus Introduction |
| E-02 | 2nd Paper: Parts of Speech Detection (Noun and Pronoun) |
| E-03 | 1st Paper: Unit-01; Lesson – 3 (Unseen (i)-Information Transfer & True False) |
| E-04 | 2nd Paper: Parts of Speech Detection (Adjective and Adverb) |
| E-05 | 1st Paper: Unit-01; Lesson – 4; (Unseen (ii)-Summary Writing) |
| E-06 | 2nd Paper: Parts of Speech Detection (Verb) |
| E-07 | 1st Paper: Answering Questions from Poems Unit-1: Lesson-1, 2 (Poem) |
| E-08 | 2nd Paper: Parts of Speech Detection (Preposition, Conjunction & Interjection) |
| E-09 | 1st Paper: Unit-01; Lesson – 5 (Poem); Matching Columns (i) |
| E-10 | 2nd Paper: Article (Part-01) (Use of a, an & the) |
| E-11 | 1st Paper: Unit-02; Lesson – 1, 2, 3; |
| E-12 | 2nd Paper: Article (Part-02) (NO use of a, an & the) |
| E-13 | 1st Paper: Unit-02; Lesson – 4 Practice on Unseen |
| E-14 | 2nd Paper: Uses of Different Prepositions for With Clues |
| E-15 | 1st Paper: Unit-2; Lesson – 5; Matching Columns (ii) |
| E-16 | 2nd Paper: Practice on With Clues (i) |
| E-17 | 1st Paper: Unit-03; Lesson – 1 |
| E-18 | 2nd Paper: Rules of Subject Verb Agreement |
| E-19 | Unit-03: Lesson – 2, Without Clue Practice on Seen Passage |
| E-20 | 2nd Paper: Structures and Uses of Different Tenses |
| E-21 | Unit-03: Lesson – 3 & 4 |
| E-22 | 2nd Paper: Basic Sentence Structure for Substitution Table |
| E-23 | 1st Paper: Unit-03; Lesson – 5, Dialogue Writing |
| E-24 | 2nd Paper: Practice on Substitution Table (i) |
| E-25 | 1st Paper: Unit-03; Lesson – 6, Writing Letters (Formal & Informal) |
| E-26 | 2nd Paper: Practice on Without Clue (Unseen) |
| E-27 | 1st Paper: Unit-03; Lesson – 7 & 8 |
| E-28 | 2nd Paper: Practice on Substitution Table (ii) |
| E-29 | 1st Paper: Unit-04; Lesson – 1, 2 & 3 |
| E-30 | 2nd Paper: Narration and its Rules |
| E-31 | 1st Paper: Unit-04; Lesson – 4 & 5; Rearranging (i) |
| E-32 | 2nd Paper: Practice on Narration (i) |
| E-33 | 1st Paper: Unit-05; Lesson – 1 |
| E-34 | 2nd Paper: Practice on Narration (ii) |

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| E-35 | 1st Paper: Unit-05; Lesson – 2, Without Clues on Seen (ii) |
| E-36 | 2nd Paper: Basic discussion on sentences & degrees |
| E-37 | 1st Paper: Unit-05; Lesson – 3 Rearranging (ii) |
| E-38 | 2nd Paper: Rules of Transformation of Sentences & degrees |
| E-39 | 1st Paper: Unit-05; Lesson – 4 (part-1); Matching Columns (iii) |
| E-40 | 2nd Paper: Practice on Transformation of Sentences |
| E-41 | 1st Paper: Unit-05; Lesson – 4 (Part-2) Rearranging (iii) |
| E-42 | 1st Paper: Unit-5; Lesson – 5; Without Clues on Seen (iii) |
| E-43 | 2nd Paper: Rules on Punctuation & Capitalization |
| E-44 | 1st Paper: Unit-6; Lesson – 1; Story Writing (i) |
| E-45 | 1st Paper: Unit 6; Lesson-2&3 |
| E-46 | 2nd Paper: Practice on Punctuation & Capitalization |
| E-47 | 1st Paper: Unit 6; Lesson-4, Story Writing (ii) |
| E-48 | 1st Paper: Unit 6; Lesson-5, |
| E-49 | 2nd Paper: Rules of Right form of verbs |
| E-50 | 1st Paper: Unit 6; Lesson-6, Introduction to Paragraph |
| E-51 | 1st Paper: Unit 6; Lesson-7 & 8 |
| E-52 | 2nd Paper: Practice of Right form of verbs |
| E-53 | 1st Paper: Unit 6; Lesson-9 |
| E-54 | 1st Paper: Unit 7; Lesson 1; Details on Paragraph |
| E-55 | 2nd Paper: Practice of Right form of verbs (II) |
| E-56 | 1st Paper: Unit 7; Lesson 2 |
| E-57 | 1st Paper: Unit: Lesson-3 |
| E-58 | 2nd Paper: Composition Writing and Email Writing |
| E-59 | 1st Paper: Unit 7; Lesson 4 and 5 |
| E-60 | 1st Paper: Unit 8; Lesson 1 |
| E-61 | 1st Paper: Unit 8; Lesson 2, Email |
| E-62 | 1st Paper: Unit 8; Lesson 3 & 4 |
| E-63 | 1st Paper: Unit 8; Lesson 5 |
| E-64 | 1st Paper: Unit 9; Lesson 1 & 2 |
| E-65 | 1st Paper: Unit 9; Lesson- 3 & 4 |
| E-66 | 1st Paper: Unit 9; Lesson 5, 6, 7 |
| E-67 | 1st Paper: Unit 10; Lesson 1, 2, 3 |
| E-68 | 1st Paper: Unit 10; Lesson 4, Unit 11 |



উদ্ভাস

একাডেমিক এন্ড এডমিশন কেয়ার



বিস্তারিত
ঠিকানা

উদ্ভাস-উল্লাস এর
App ডাউনলোড করতে
QR কোডটি স্ক্যান করো

