

**Subject : ENGLISH LANGUAGE**

- **Section – A : Comprehension [Unseen]**
- **Section – B : Directed Writing [Unseen]**
  - ✓ Students are required to select relevant information from the stimulus material and present it in a recognized form or writing, such as, letters, speech, articles, reports, diary and others.
- **Section – C : Creative Writing [Unseen]**
  - ✓ Students are required to produce one piece of extended writing using their own creativity, imagination, ideas and perception. This may be narrative, descriptive, argumentative, reflective or discursive

**.Section - D: Grammar (as taught in the class)**

- ✓ This section will test the candidate's ability to understand and use appropriate grammatical rules according to contextual requirements and appropriacy at the sentence level.

**SUBJECT : MATHS SYLLABUS- B**

**BOOK**

**Mathematics – 2 -by Shingle**

- Chapter—3 : Scales and Maps  
Chapter—4 : Symmetry and Angle Properties of Polygons [Ex – 4c, 4d, 4f]  
Chapter—8 : Simultaneous Linear Equation  
Chapter—10 : Graphs of Quadratic Function  
Chapter—11 : Motion Geometry  
Chapter—12 : Pythagoras' Theorem  
Chapter—13 : Mensuration  
Chapter—15 : Trigonometrical Ratios  
□ Basic Algebra and Arithmetic

**SUBJECT : BANGLA**

**BOOKS**

- ১) সাহিত্য কণিকা ( অষ্টম শ্রেণি)  
২) ভাষা সৌরভ ব্যাকরণ ও রচনা ( নতুন সংস্করণ) দশম শ্রেণি- মাহবুবুল আলম  
৩) বিদ্যাকোষ (নবম শ্রেণি) ড. আবুল কালাম মনজুর মোর্শেদ

**Bangla Literature**

**গদ্য / গল্প**

- ১) অতিথির স্মৃতি- শরৎচন্দ্র চট্টোপাধ্যায়  
২) পড়ে পাওয়া - বিভূতিভূষণ বন্দ্যোপাধ্যায়  
৩) বাংলা নববর্ষ-শামসুজ্জামান খান

**পদ্য / কবিতা**

- ১) আবার আসিব ফিরে-জীবনানন্দ দাস  
২) নদীর স্বপ্ন- বুদ্ধদেব বসু  
৩) পাছে লোকে কিছু বলে-কামিনী রায়

**Bangla Language**

- ১) সমার্থক শব্দ  
২) সমোচ্চারিত শব্দ  
৩) বাক্য সংকোচন  
৪) দ্বিরুক্ত শব্দ  
৫) বাগধারা/প্রবাদ প্রবচন  
৬) পরিভাষা  
৭) অনুবাদ ( English to Bangla)  
৮) ই.মেইল ১৫০ শব্দ  
৯) অনুচ্ছেদ

\*শব্দার্থ                      \*ইংরেজী পারিভাষিক শব্দ                      \*মূলভাব  
\*সারাংশ                      \*বড় প্র: উ:                      \*সংক্ষিপ্ত প্র: উ:  
\*বুঝিয়ে বল                      \*কবি ও লেখক পরিচিতি

**SUBJECT : PURE MATHEMATICS**

**BOOK**

**Pure Mathematics -by Lee Peng Yee**

Chapter- 1 : Simultaneous Equations  
Chapter - 3 : Arithmetic Geometric, Progressions [with sigma notation]  
Chapter - 4 : Theory of Quadratic Equations and Functions .  
Chapter - 5 : The Binomial Theorem [with fraction and negative power]  
Chapter - 5 : Differentiation [ Ex- 11B & 11C ]

**SUBJECT : PHYSICS**

**BOOK**

**Edexcel IGCSE (9-1) Student book**

Chapter- 5: The Turning Effect of Forces  
Chapter- 14: Energy Transfers  
Chapter- 15: Thermal Energy  
Chapter- 16: Work and Power  
Chapter- 17: Energy Resources and Electricity Generation  
Chapter- 18: Density and Pressure.

**SUBJECT : CHEMISTRY**

**BOOKS**

**EDEXCEL INTERNATIONAL GCSE (9-1) [Student Book] by Jim Clark, Steve Owen and Rachel Yu**

Chapter – 5 : Formula and equation (page: 38 -41)  
Chapter – 9 : Metallic Bonding  
Chapter – 11 : Alkali Metals  
Chapter – 12 : The Halogens  
Chapter – 14 : Reactivity series  
Chapter – 16 : Acids, Alkalis and Titration  
Chapter – 17 : Acids, bases and salt preparation  
Revision:  
Chapter – 3 : Atomic Structure  
Chapter – 7 : Ionic Bonding  
Chapter – 8 : Covalent Bonding

**SUBJECT : BIOLOGY****BOOKS** Edexcel International GCSE (9-1)SECTION - B : (Animal Physiology)

Chapter – 5 : Blood and Circulation  
Chapter – 7 : Chemical Coordination  
Chapter – 10 : Plants and Food

## Revision

Chapter – 1 : Life Processes  
Chapter – 4 : Food and Digestion

**SUBJECT : ECONOMICS****BOOK** Edexcel International GCSE( 9 to 1) Economics [ Student Book ]  
*by – Rob Jones***1.1 : The Market System**

Chapter – 11 : The Mixed Economy  
Chapter – 12 : Privatisation  
Chapter – 13 : Externalities

**1.2 : Business Economics**

Chapter – 14 : The factors of production and sectors of the economy  
Chapter – 15 : Productivity and Division of labour  
Chapter – 16 : Business costs, revenues and profit.  
Chapter - 17 : Economics & Diseconomies of scale  
Chapter - 18 : Competitive Markets

**SUBJECT : ACCOUNTING****BOOK** Business Accounting – 1 *-by Frank Wood & Alan Sangster*

Chapter — 9 : Cash Book  
Chapter — 10 : Petty Cashbook  
Chapter — 11 : Day Book  
Chapter — 16 : Final Accounts  
Chapter — 20 : Bad Debts & Provision Doubtful Debts  
Chapter — 21 : Depreciation[ Calculations ]

**SUBJECT : COMPUTER SCIENCE****BOOK** Edexcel IGCSE Computer Science ( 9-1 )

**By- Chris Charles, Alex Hadwen - Bennett**

**Chapter –5 :** Communication and the internet  
**Chapter –6 :** The Bigger Picture

**LAB :** Microsoft Access, MS-Excel.