SYLLABUS 2017-18
CCBI SCHOOLS – ASANSOL - KOLKATA
CLASS 11

ENGLISH LANGUAGE
TEXT: TOTAL ENGLISH - CLASS 11 (MORNING STAR PUBLICATIONS)

FIRST TERM:
    COMPOSITION: [25 Marks] Word Limit:400-450 words.
- Narrative
- Descriptive
- Reflective
- Argumentative
- Discussion/Express your views
- Short Story

Out of the above 6 topics students will choose and write on any 1 topic.

(a) DIRECTED WRITING BASED ON SUGGESTED POINTS:[20 MARKS) WORD LIMIT: 300 Words
- Article Writing
- Film Review
- Book Review

(b) PROPOSAL WRITING BASED ON A GIVEN SITUATION: [10 Marks]

The Proposal should include i)The Heading ii)Statement of Objective iii) List of Measures

GRAMMAR:[20 Marks] COMPREHENSION:[25 Marks]

SECOND TERM: [Syllabus of first term to be included)
    COMPOSITION: [25 Marks] Word Limit:400-450 words.
- Narrative
- Descriptive
- Reflective
- Argumentative
- Discussion/Express your views
- Short Story

Out of the above 6 topics students will choose and write on any 1 topic

(a) DIRECTED WRITING BASED ON SUGGESTED POINTS:[20 MARKS) WORD LIMIT: 300 Words
- Review of Cultural Programme
- Speech Writing
- Report Writing

(b) PROPOSAL WRITING BASED ON A GIVEN SITUATION: [10 Marks]

The Proposal should include i)The Heading ii)Statement of Objective iii) List of Measures

GRAMMAR:[20 Marks] COMPREHENSION:[25 Marks]

SYLLABUS 2017-18   CLASS 11   ENGLISH LITERATURE

FIRST TERM:

    DRAMA :- THE TEMPEST by WILLIAM SHAKESPEARE {O.U.P}

        Act 1 - Act 2 Sc _1

    REVERIE: A COLLECTION OF ISC POEMS {EVERGREEN PUBLICATIONS}

        1. Dolphins   -   Carol Ann Duffy

        2. The Gift Of India - Sarojini Naidu

        3. The Spider and the Fly - Mary Botham Hewitt

    ECHOES: A COLLECTION OF ISC SHORT STORIES {EVERGREEN PUBLICATIONS}

        1. A Gorilla in the Guest Room - Gerald Durrell

        2. The Sound Machine - Ronald Dahl

        3. The Singing Lesson - Katherine Mansfield

    CONTEMPLATIONS: A COLLECTION OF ISC ESSAYS {EVERGREEN PUBLICATIONS)

        1. Dream Children- Charles Lamb.

        2. Voice of Humanity- Rabindranath Tagore.

        3. On Going out for a Walk- Max Beerbohm.

SECOND TERM :   [Syllabus of First Term of class XI to be included]

    DRAMA:- THE TEMPEST by W ILLIAM SHAKESPEARE

        Act 2 Sc 2 to Act 3 full.

    REVERIE: A COLLECTION OF ISC POEMS {EVERGREEN PUBLICATIONS)

        4. Crossing the Bar- A.L.Te1myson.

        5. Dover Beach - Matthew Arnold.

        6. Birches - Robert Frost.

    ECHOES: A COLLECTION OF ISC SHORT STORIES (EVERGREEN PUBLICATIONS)

        4. Salvator - W. Somerset Maugham.

        5. The Chinese Statue - Jeffrey Archer.

        6. Quality - John Galsworthy.

CONTEMPL ATIONS: A COL LECTION OF ISC ESSAYS (EVERGREEN PUBLICATIONS)

        4. Gifts - R. W. Emerson.

        5. On the Decay of the Art of Lying - Mark Twain.

        6. On the Art of Living with Others - Sir Arthur Helps.

SYLLABUS 2017-18   CLASS 11   ECONOMICS

BOOKS: (i) FRANK ISC ECONOMICS FOR CLASS XI - D.K. SETHI, U.ANDREWS (Revised ed.)
(ii) FRANK ISC ECONOMICS FOR CLASS XII - D.K. SETHI, U.ANDREWS (Revised edition)
SCOPE OF ISC SYLLABUS 2018 – 2019 TO BE STRICTLY FOLLOWED

MID-TERM SYLLABUS:
Chapter 1: Definition of Economics
Chapter 2: Basic Concepts of Economics
To omit: diagram(s) on Inflation.
Emphasis to be given on terms - meanings, differences and examples.
Chapter 3: Basic Problems of an Economy
Chapter 4: Types of Economies
Chapter 5: Solutions to the basic problems under different economic systems
Chapter 6: The state of Indian economy on the eve of independence.
Chapter 7: Economic growth and development
Chapter 8: Parameters (Indicators) of Development
Only per capita income and human development index.
Chapter 9: Sustainable development
Chapter 10: Planning and Economic Development in India
Chapter 12: The problem of poverty in India
To OMIT (i) Various estimates of magnitudes of poverty
(ii) Nature and extent of poverty in India
(iii) Vicious circle of poverty
(iv) Causes of Poverty
Chapter 17: Definition, scope, importance and limitations of Statistics.
Chapter 19: Measurement of central Tendency
Chapter 20: Measures of Dispersion

FINAL TERM SYLLABUS:
Chapter 11: Structural changes in Indian economy after Liberalisation
Chapter 13: Rural development
Chapter 14: Human capital formation in India
Chapter 15: Employment and unemployment problems in India.
To include (i) Types of Unemployment
(ii) Causes of Unemployment
(iii) Policy measures taken up after 2000.
Chapter 16: Comparative study of Indian and Chinese Economy
To include only comparative study on
-        Unemployment   -   GDP growth
-        GDP per capita   -   GDP PPP
-        FDI   -   Inflation
-        Poverty
Chapter 18: Collection, organisation and presentation of data
Chapter 21: Correlation
Chapter 22: Index Numbers
Chapter 23: Some mathematical tools used in Economics

CLASS XII TEXT:
Chapter 2: Demand and Law of Demand
Chapter 4: Elasticity of Demand
Note: Final term will exclude only chapters 1, 2 & 17 from Mid-term and
include chapters 1 & 2 from class XII text book.

ECONOMICS (Class XI & XII)
FORMAT OF QUSTION PAPER (class XI & XII)
Under ISC 2019 regulations.

i)   Frank ISC Economics for class XI D.K. Sethi & U. Andews (for class   XI)

ii)   Frank ISC Economics for class XII D.K. Sethi & U. Andews (for class   XII)

Total mark in the subject is 100, which is divided into 80 marks theory and 20 marks project.
>--   THEORY (80 marks)
There will be two groups I sections I pmis in the paper.
Part 1 - 100 marks) will consist of ten(10) compulsory short answer questions of 2 marks each
          testing knowledge, application and skills relating to elementary or fundamental aspects
          of the entire syllabus.
Part II (60 marks) will consists of eight (08) questions out of which the candidates
          will be required to answer any five (OS) questions, each carrying 12 marks.
Each of the eight questions will be divided into further sub parts of (3 +3 + 6 = 12 marks).

PROJECT (20 marks)
 Candidates will be expected to have completed two (02) projects from any of the topic covered
    in the theory.
 The practical work will be assessed by the teacher and a Visiting Examiner appointed
    locally and approved by the council (for class XII).
 Marks allocation for each project [10 marks].

*Please note that any other format will not be accepted.

SYLLABUS 2017-18   CLASS 11   MATHEMATICS

<u>BOOK</u>: Understanding ISC Mathematics Class XI (Vol I & II), Class XII (VOL I & II) By M. L. Aggarwal.

<u>MID TERM EXAMINATION</u>

<u>SECTION – A</u>
01 Sets
02 Relations and Functions (Ex 2.3, 2.4)
03 Trigonometry (except 3.4, 3.9)
05 Complex Numbers
06 Quadratic Equations (Ex 6.3, 6.4)
10 Sequence and Series (Ex.10.2, 10.3, 10.5, 10.6)
11 Straight Lines (Ex. 11.5, 11.6, 11.9)

13 Limits and Derivatives (Ex. 13.1, 13.2, 13.5)
<u>SECTION – B</u>
01 Conics
02 Introduction to 3D Geometry
<u>SECTION – C</u>
01 Statistics
02 Correlation Analysis
03 Index Numbers & Moving Averages

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<u>FINAL TERM EXAMINATION</u>

<u>SECTION – A</u>
08 Permutations & Combinations
09 Binomical Theorem
12 Circles (Ex. 12.1, 12.2)
14 Statistics
15 Probability
(FROM CLASS XII BOOK)
<u>SECTION – A</u>
01 Relations & Functions
03 Matrices

04 Determinants
<u>SECTION – B (FROM CLASS XI BOOK)</u>
01 Conics
02 Introduction to 3D Geometry
<u>SECTION – C (FROM CLASS XII BOOK</u>
02 Linear Regression
03 Linear Programming
(FROM CLASS XI BOOK)
02 Correlation Analysis

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QUESTION PAPER PATTERN

The question paper consists of 3 sections A, B and C. Candidates are required to attempt all questions from Section A and all questions EITHER from Section B or Section C.

SECTION – A   (80 Marks)
Q. No. 1.   10 subparts of 2 marks each.
Q. No. 2 to Q. No. 10: 4 marks each. There will be internal choice in 3 questions.
Q. No. 11 to Q. No. 14: 6 marks each. Internal choice will be in 2 questions.

SECTION – B   (20 Marks)
Q. No. 15   3 Subparts of 2 marks each
Q. No. 16 & Q. No. 17:   4 marks each. Internal choice will be there in both Questions.
Q. No. 18   6 marks

SECTION – C
Q. No. 19 & Q. No 20 will have 2 subparts consisting of 2 marks & 4 marks with internal choice in 4 marks.
Q. No. 21 & Q. No. 22 will be of 4 marks each.

SYLLABUS 2017-18   CLASS 11   ACCOUNTS

Text Book – Double Entry Book Keeping by T.S. Grewal for Class – XI
(AS PER ISC 2019 SCOPE OF SYLLABUS)
a. Paper – 1 – 80 Marks (Theory & Problem)
b. Paper – 2 – 20 Marks (Project Work & Viva – Voce)
Paper – 1:   Part I (Compulsory) 20 marks (short questions)   (10 x 2 = 20)
Part II (Attempt five questions out of eight)   (5 x 12 = 60)

A. HALF YEARLY EXAMINATION – 2017

1. BASIC ACCOUNTING CONCEPTS:
1. Introduction to Accounting   2. I.F.R.S, G.A.A.P & Basic Accounting Concepts
3. Accounting Standards   4. Basic Accounting Term
5. Bases of Accounting   6. Accounting Equation.
2. Journal, Ledger and Trial Balance:
7. Journal   (1)   8. Ledger (½)   9. Cash Book (1)
10. Petty Cash Book (½)   11. Sub Division of Journal (½)
12. Trial Balance   (1)
3. BANK RECONCILIATION STATEMENT: 13. B.R.S. (1)
4. DEPRECIATION, PROVISION AND RESERVES:
14. Depreciation (1)   15. Provisions and Reserves   16. Bills of Exchange (1)
17. Capital and Revenue Expenditure/Income (½)

B. FINAL TERM EXAMINATION – 2018
1. Final Accounts   (1)
2. Accounts from incomplete records   (1)
3. Non-trading organisation   (2)
4. Rectification of errors   (1)
5. Issue of shares   (2)
6. Depreciation   (1)
7. Introduction to the use of computers in Accounting (Theory)

SYLLABUS 2017-18   CLASS 11   COMMERCE

Text Book : ISC Commerce Vol I by C. B. Gupta – S. Chand

Part I – Theory 80 Marks
Part II – Project Work 20 Marks
Paper I – Theory (80 Marks)
       Part I (20 marks) – 10 short compulsory questions
       Part II (60 marks) – Answer any 5 questions out of 8 (12 marks each)

MID TERM
Ch 1, 2, 3, - Nature and purpose of Business   Ch 13   - Emerging Modes of Business
Ch 4 to 11 – Forms of Business organizations   Ch 14   - Stock Exchange
Ch 12   - Social Responsibility of Business and
Business Ethics

Ch 15 to 18 – Inland Trade   Ch 7,8,9 – Included from Mid-Term

Ch 19 to 22 – Foreign Trade   Ch 13, 14, 15 – Marketing (from Class 12)

Ch 23 & 24 – Insurance

Scope of Syllabus to be strictly followed

SYLLABUS 2017-18   CLASS 11   HINDI 2ND LANGUAGE

FIRST TERM

SECTION – 'A' (LANGUAGE)   50 MARKS

1. Essay (400 words) 20 Marks

2. Comprehension 20 Marks

3. Grammar: VyakaranManjusha 10Marks

   1. Correct Sentences

   2. Idioms

SECTION – 'B' (LITERATURE) 50 MARKS

GADHYA SANKALAN

Chapter1: PuthraPrem

Chapter 2: Gauri

Chapter 3: Sharanagat

KAVYA MANJARI

Chapter 1: Sakhi

Chapter 2: Bal Leela

Chapter 3: EkPhool Ki Chah

AASHAD KA EK DIN: ANKA – 1 (Act – 1)

    OR

   SARA AKASH

FINAL TERM

SECTION – 'A' (LANGUAGE)   50 MARKS

1. Essay (400 words)   20 Marks

2. Comprehension   20 Marks

3. Grammar 1. Correct Sentences 10 Marks

    2. Idioms

SECTION – 'B' LITERATURE   40 MARKS

GADHYA SANKALAN

Chapter 4: SATI

Chapter 5: Out Sider

Chapter 6: Dasi

(Questions will come from chapter 1 to

chapter 6)

KAVYA MANJARI

Chapter 4: Aa DhartiKitnaDeti Hai

Chapter 5: NadiKeDwip

Chapter 6: TulsidasKe Pad

(Questions will come from chapter 1 to

chapter 6)

AASHAD KA EK DIN: ANKA – 2 (Act – 2)

(Questions will come from Act I & II

SYLLABUS 2017-18   CLASS 11   BENGALI   2ND LANGUAGE

2nd LANGUAGE (BENGALI)
Text Books: 1. Koni (Novel) – Moti Nandi
**   2. Kabita Sankalan**
**   3. Probondho – o – Godya Sankalan**
FIRST TERM:

SECTION A: (LANGUAGE – 50 Marks)
1. Essay   (20 Marks)
2. Comprehension   (20 Marks)
4. Grammar   (10 Marks) [Banan Suddho, Bakya Sanshodhan, Idioms &
Dhannattak Shabdo)

SECTION B: (LITERATURE – 50 Marks)
PROSE:
1. Koni (Novel) – Chapters: 1, 2, 3, 4
2. Probondho – o – Godya Sankalan : (a) - Thakurda, (b) - Jorasankor Dhare, (c) - Taser Ghar
3. Kabita Sankalan: (a) – Ora Kaj Kare, (b) – Purbo – Paschim, (c) – Banalata Sen

FINAL TERM:
SECTION A: (LANGUAGE – 50   Marks)
SECTION A: (LANGUAGE – 50 Marks)
1. Essay   (20 Marks)
2. Comprehension   (20 Marks)
4. Grammar   (10 Marks) [Banan Suddho, Bakya Sanshodhan, Idioms &
Dhannattak Shabdo)

SECTION B: (LITERATURE – 50 Marks)
PROSE:
1. Koni (Novel) – Chapters: 5, 6, 7
2. Probondho – o – Godya Sankalan : (d) – Anachar, (e) – Record, (f) - Adab
3. Kabita Sankalan: (d) – Barna Parichay, (e) – Salemoner Maa

NB: First Term's Syllabus included in the Second Term

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SYLLABUS FOR THE ACADEMIC SESSION 2017-2018

SUBJECT: **BUSINESS STUDIES**, CLASS: **XI** [FULL MARKS-100]

[AS PER I.S.C, 2019 SCOPE OF SYLLABUS]

- PAPER-- 1 – 80 MARKS (THEORY)

- PAPER—2—20 MARKS (PROJECT WORK & VIVA—VOCE)   TEXT
  BOOK—ISC BUSINESS STUDIES BY Dr. C. B.GUPTA FOR CLASS-X I [G. B. PRAKASHAN]
  PAPER-1- PART-I(COMPULSORY) 20 MARKS [SHORT QUESTIONS] [10X2=20]
  PART- II (ATTEMPT FIVE QUESTIONS OUT OF EIGHT] [5X12= 60]

- ## HALF YEARLY EXAMINATION—2017

  Chapter 1. BUSINESS ENVIRONMENT

  Chapter 2. ENTREPRENEURSHIP

  Chapter 3. BUSINESS RISK AND CAUSES OF FAILURE.

  Chapter 4. MANAGER AND MANAGERIAL ROLES

  Chapter 5. AUTHORITY, RESPONSIBILITY AND ACCOUNTABILITY

  - ## FINAL TERM EXAMINATION- 2018

Chapter 6. CHANGE MANAGEMENT

  Chapter 7. AUTOMATION AT WORKPLACE

  Chapter 8. PRODUCTIVITY ENHANCEMENT TOOLS AND FACILITIES

  AND CHAPTER 1 AND CHAPTER 4 FROM HALF YEARLY SYLLABUS

<p align="center">SYLLABUS FOR CHEMISTRY</p>

<p align="center">CLASS – 11</p>

<p align="center">SESSION: 2017-2018</p>

FIRST TERM:

Physical Chemistry: [Total Marks:32]

- Some basic concepts of chemistry
- Structure of atom
- Classification of elements and periodicity in properties
- Chemical bonding and molecular structure
- Equilibrium

Inorganic chemistry: [Total Marks:15]

- Hydrogen
- S-Block elements
- Redox reactions

Organic chemistry: [Total Marks :23]

- Some basic principles and techniques
- Hydrocarbons
- Environmental chemistry

FINAL TERM:

Physical chemistry:

- States of matter: gases and liquids   [Total Marks:32]
- Chemical thermodynamics
- Chemical kinetics   {from class 12 book}
- Surface chemistry   {from class 12 book}

Inorganic chemistry :   [Total Marks:15]

- Some P-Block elements(group 13,14,15)
- Co-ordination compounds   {from class 12 book}

Organic chemistry   [Total Marks :23]

- Haloalkanes and haloarenes   {from class 12 book}
- Alcohol,phenols and ethers   {from class 12 book}
- Chemistry in everyday life   {from class 12 book}

Note: Book ISC Chemistry by H.C. Srivastava

ISC Practical Chemistry by V.C. Garg

ST. PATRICK'S H. S. SCHOOL, ASANSOL
(SYLLABUS FOR THE SESSION: 2017-18)
CLASS – XI
PHYSICS:
Format of the Question Paper:
There will be two papers in the Subject:
Paper: I – Theory   Time : 3 Hours, 70 Marks
Paper: II – Theory   Time : 3 Hours, 15 Marks
Project Work: 10 Marks
Practical File: 5 Marks

Paper : I THEORY : 70 Marks

There will be no overall choice in the paper. Candidates will be required to answer **ALL** Questions. Internal choice will be available in two questions of 2 marks each, two questions of 3 marks each and all the three questions of 5 marks each.

MID TERM:
(i)   Measurement , Dimension
(ii)   Vectors
(iii)   Motion in 1 – D
(iv)   Motion in 2 – D
(v)   New ton's Law
(vi)   Friction and Work Power Energy
(vii)   Uniform Circular Motion
(viii) Gravitation
(ix)   Rotational Motion

FINAL TERM:
(i)   Elasticity
(ii)   Fluid at rest
(iii)   Fluid in motion
(iv)   Surface Tension
(v)   Heat and Thermodynamics

(vi)   Conduction radiation
(vii)   SHM (Simple Harmonic Motion)
(viii) Waves
(ix)   Sound

Revision Chapters: Vectors, New ton's Law of Motion, Rotational Motion

Question Paper Format as per the New Syllabus

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BIOLOGY

SYLLABUS FOR 2017-18

CLASS-XI

Based Strictly on ISC (2019) Syllabus and its Scope.

Question Paper Format

Theory Paper: Full Marks: 70   Time: 3 Hours

There will be no overall choice in the paper. Candidates will be required to answer all questions. Internal choice will be available in two questions of two marks each, two questions of three marks each and all the three questions of five marks each.

1st Term

1. Diversity of Living organisms
    (i)   The Living World
    (ii)   Biological Classifications
    (iii)   Plant Kingdom
2. Structural Organization in Animals and Plants
    (i)   Morphology of Flowering Plant
    (ii)   Anatomy of Flowering Plants
3. Cell Structure and Function
    (i)   Cell - The Unit of Life
4. Plant Physiology
    (i)   Transport in Plants
    (ii)   Mineral Nutrition
    (iii)   Photosynthesis in Higher Plants
5. Human Physiology
    (III) Body fluids and Circulation
    (IV) Excretory Products and their elimination
    (VI) Neural Control and Coordination

Final Term

1. Diversity of Living Organisms
    (iv)   Animal Kingdom

2. Structural Organization in Animals and Plants
   (III) Structural organization in Animals
3. Cell Structure and Function
   (ii)   Biomolecules
   (iii)   Cell Cycle and Cell division
4. Plant Physiology
   (IV) Respiration in Plants
   (V) Plant growth and Development

5. Human Physiology

   (i) Digestion and Absorption

   (ii) Breathing and Exchange of gases.

   (V) locomotion and Movement

   (vii) Chemical coordination and integration .

N.B – Any standard text book of ISC level may be prescribed to the students , but care should be taken that the scope of the syllabus is strictly adhere to , and questions framed as per the prevailing standards of ISC in the current few years .

CLASS – XI

Practicals : **30 Marks**

Theory : **70 Marks**

CLASS – XI (Theory)

Computer Science Syllabus

Class XI

Text Book : Computer Science with JAVA

(A Textbook for class XI) By Sumit Arora Rai & Co. [REPRINT : 2017]

Mid Term

Chapter	Topic
1	Data Representation
4	Propositional Logic and Hardware
6	System and Other Software
8	General OOP Concepts
9	Introducing Java
10	Java Fundamentals
11	Flow of Control
12	Classes in Java
13	Functions (Methods)
14	Using Library Classes
15	Arrays (Exclude Gauss Elimination Method)

<u>Final Term</u>

Mid Term Syllabus included in Final Term

(Excluding Chapter 1: Data Representation and

Chapter 6: System and other Software)

Question Pattern for Mid Term Class XI

Part – I (20 Marks)

> **3 Compulsory Questions of 20 Marks [5 + 10 + 5]**

> **As per ISC Pattern (From Mid – Term Full Syllabus of Class XI)**

Part – II (50 Marks)

Section A (20 Marks)

As per ISC Pattern (From Mid – Term Syllabus of Class XI)

Question from Chapter 1, 4 & 6

2 out of 3 Questions of 10 marks each

Section B (20 Marks)

2 out of 3 Questions of 10 marks each (Only Java Programs)

Section C (10 Marks)

2 out of 3 Questions of 5 marks each (Only Java Functions/Methods)

Question Pattern for Final Term Class XI

Part – I (20 Marks)

3 Compulsory Questions of 20 Marks [5 + 10 + 5]

As per ISC Pattern (From Final – Term Full Syllabus of Class XI)

Part – II (50 Marks)

Section A (20 Marks)

As per ISC Pattern (From Final-Term Syllabus of Class XI)

Questions from Chapter 2, 4, 5, 7 & 19

2 out of 3 Questions of 10 marks each

Section B (20 Marks)

2 out of 3 Questions of 10 marks each (Only Java Programs)

Section C (10 Marks)

2 out of 3 Questions of 5 marks each

Questions from Chapter 16, 17 and 18