

SYLLABUS 2017-18
CCBI SCHOOLS – ASANSOL - KOLKATA
CLASS 12 ENGLISH LANGUAGE

TEXT: TOTAL ENGLISH - CLASS 12 (MORNING STAR PUBLICATIONS)

FIRST TERM: SYLLABUS OF CLASS XI TO BE INCLUDED

COMPOSITION: [30 Marks] Word Limit: 450 - 500 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.

DIRECTED WRITING BASED ON SUGGESTED POINTS: [20 MARKS]

WORD LIMIT: 300 Words

- F.I.R
 - Personal Profile
 - Statement of Purpose
- GRAMMAR: [20 Marks] COMPREHENSION: [30 Marks]

PRE SELECTION : Full Syllabus

SELECTION : Full Syllabus

SYLLABUS 2017-18 CLASS 12 ENGLISH LITERATURE

FIRST TERM: [Syllabus of Class XI to be included]

DRAMA:-

MUCH ADO ABOUT NOTHING

(WILLIAM SHAKESPEARE)

Act 4 (full) and Act 5 Sc 2.

ISC COLLECTION OF SHORT STORIES:-

1. The Lost Jewels by Rabindranath Tagore
2. A Very Old Man with Enormous Wings
by G.G.Marquez.
3. One Thousand Dollars by O.Henry.

ISC COLLECTION OF ESSAYS:-

1. The Inward Light by S.Radhakrishnan
2. The Spirit of Freedom
by Rabindranath Tagore
3. Go to the Ant by Grant Allen

ISC COLLECTION OF POEMS:-

1. Phenomenal Woman by Maya Angelou.
2. Breaking Out by Marge Piercy.

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

DRAMA:-

MUCH ADO ABOUT NOTHING

(WILLIAM SHAKESPEARE)

Act 5 Sc 3 and 4.

ISC COLLECTION OF SHORT STORIES:-

4. The Legend of Sleepy Hollow by
Washington Irving.

ISC COLLECTION OF ESSAYS:-I.Going on a
Journey by William Hazlitt

ISC COLLECTION OF POEMS:-

3. Father Returning Home by Dilip Chitre.

PRE SELECTION: Full Syllabus.

SYLLABUS 2017-18 CLASS 12 ECONOMICS

AS PER SCOPE OF ISC SYLLABUS 2018-19

BOOK: FRANK ISC ECONOMICS FOR CLASS XII O.K. SETHI, U.ANDREWS (Revised edition)
SCOPE OF SYLLABUS TO BE STRICTLY FOLLOWED

MID-TERM :

- Chapter 2: Demand and Law of Demand
- Chapter 3: Theory of Consumer Behaviour - Marginal utility and Indifference curve analysis
- Chapter 4: Elasticity of Demand
- Chapter 5: Supply - Law of Supply and elasticity of supply
- Chapter 6: Market Mechanism - Equilibrium price and quantity in a competitive market
- Chapter 7: Laws of Returns - returns to a factor and returns to a scale
- Chapter 8: Cost and Revenue analysis
- Chapter 9: Forms of Market
- Chapter 10: Producers Equilibrium
- Chapter 11: Determination of equilibrium price and output under perfect competition
- Chapter 12: Theory of Income and Employment
- Chapter 13: Money: Meaning and Functions

SELECTIONS :

- Chapter 14 : Banks : Commercial Bank and Central Bank
- Chapter 15 : Balance of Payments and Exchange rates
- Chapter 16 : Fiscal Policy
- Chapter 17 : Government Budget
- Chapter 18 : National Income and Circular Flow of Income
- Chapter 19 : National Income Aggregates
- Chapter 20 : Methods of Measuring National Income

PRE-SELECTION & SELECTION EXAMS : FULL SYLLABUS

SYLLABUS 2017-18 CLASS 12 COMMERCE

Text Book : ISC Commerce Vol II 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 13 to 15 – Marketing

Ch 5 to 12 - Management – Nature, Importance, Principles, Functions of Management,
PODSCORB

Ch 1 - Business Environment

PRE – SELECTION

Ch 2 to 4 – Financing & Full Syllabus of ISC 2017 - 2018

SYLLABUS 2017-18 CLASS 12 ACCOUNTS

(AS PER ISC 2019 SCOPE OF SYLLABUS)

Text Book – Double Entry Book Keeping by T.S. Grewal for Class – XII

a. Paper – 1 – 80 Marks (Theory & Problem)

b. Paper – 2 – 20 Marks (Project Work & Viva – Voce)

| | | |
|----------------------|--|---------------|
| Paper – 1: Section A | Part I (Compulsory) 12 marks (short questions) | (6 x 2 = 12) |
| | Part II (Attempt five questions out of seven) | (4 x 12 = 48) |
| Section B | Attempt any two questions out of three | (2 x 10 = 20) |

HALF YEARLY EXAMINATION – 2017

SECTION - A

1. P/L appropriation Account
2. Admission of a partner
3. Issue of debentures
4. Issue of shares
5. Final accounts of companies

SECTION – B

- | | |
|--|------------|
| 7. Financial statement Analysis (Theory and Problem) | (10 Marks) |
| 8. Cash flow statement (Theory and problem) | (10 Marks) |
| 9. Ration Analysis (Theory and problem) | (10 Marks) |

PRE ISC EXAMINATION – 2018 (Full syllabus as per ISC scope of syllabus 2018)

SYLLABUS 2017-18 CLASS 12 BUSINESS STUDIES

BOOK: Business Studies Part II by Dr. C.B. Gupta

MID TERM

- | | |
|------------------------------------|---|
| 1. Staff Recruitment and Selection | 8. Staff Promotion and Transfer |
| 2. Staff Training | 9. Staff Dismissal |
| 3. Staff Morale | 10. Nature and Process of Communication |
| 4. Staff Remuneration | 11. Oral Communication |
| 5. Staff Motivation | 12. Telephone |
| 6. Staff Leadership | 16. Visual Communication |
| 7. Staff Appraisal | 17. Mail and Post Office Services |

PRE – SELECTION (INCLUDING CHAPTERS 1 TO 12 & 16 AND 17)

- | | |
|---------------------------|-----------------------|
| 18. Management of Records | 19. Office Automation |
|---------------------------|-----------------------|

SELECTION (INCLUDING CHAPTERS 1 TO 12 & 16, 17, 18 & 19)

- | | |
|-----------------------------|----------------------|
| 13. Business Correspondence | 15. Company Meetings |
| 14. Report Writing | |

FORMAT OF QUESTION PAPER

Part I Compulsory (Short Answer {15x2 =30})

Part II Essay Type Questions (5 out of 7 Questions to be answered {5x14=70})

SYLLABUS 2017-18 CLASS 12 MATHEMATICS

TEXT BOOK: Understanding ISC Mathematics

MID TERM EXAMINATION

SECTION – A

| <u>Chapter No.</u> | <u>Topic</u> | ALL CHAPTERS OF CLASS XII FROM CLASS XI FINAL TERM SYLLABUS |
|--------------------|--------------------------------|--|
| 05 | Continuity & Differentiability | |
| 06 | Indeterminate Forms | 01 Relations & Functions |
| 07 | Applications of Derivatives | 02 Inverse Trigonometric Function |
| 08 | Integrals | 03 Matrices |
| | | 04 Determinants |

SECTION – B

| | |
|------------|-------------------------------|
| 01 Vectors | 02 Three-Dimensional Geometry |
|------------|-------------------------------|

SECTION – C

| | |
|---|-----------------------|
| 01 Application of Calculus in Commerce & Economics | 02 Linear Regression |
| | 03 Linear Programming |

PRE SELECTION EXAMINATION

Full Syllabus

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 12 HINDI 2ND LANGUAGE

FIRST TERM

SECTION – 'A' (LANGUAGE) 50 MARKS

1. Essay (400 words) 20 Marks
2. Comprehension 20 Marks
3. Grammar: Vyakaran Manjusha 10 Marks
 1. Correct Sentences
 2. Idioms

SECTION – 'B' (LITERATURE) 50 MARKS

- GADHYA SANKALAN Chapter 7: Kya Nirash Hwa Jai
Chapter 8: Bhaktin
Chapter 9: Sanshkriti Hai Kya

(Questions will come from chapter 1 to chapter 9)

- KAVYA MANJARI Chapter 7: Jag Tujhko Doar Jana Hai
Chapter 8: Udyami Nar
Chapter 9: Badal Ko Ghirte Dekha Hai

(Questions will come from chapter 1 to chapter 9)

AASHAD KA EK DIN: ANKA – 3 (Act – 3) OR SARA AKASH

(Questions will come from Act 1 to Act 3)

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 50 MARKS

GADHYA SANKALAN Chapter 10: Majburi

KAVYA MANJARI Chapter 10: Andhera Ka Deepak

AASHAD KA EK DIN: Full Book

SYLLABUS 2017 - 18 CLASS 12 BENGALI 2nd LANGUAGE

Text Books: 1. Koni (Novel) – Moti Nandi

2. Kabita Sankalan

3. Probondho – o – Godya Sankalan (ISC Collection of Short Stories and

Essays)

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: 8, 9, 10, 11

2. Probondho – o – Godya Sankalan : (a) – Birjo Shulka, (b) – Lachmaner Ma

3. Kabita Sankalan: (a) – Baborer Parthana, (b) - Jodi Nirbasan Dao, (c) – Rasta Karor Ekar Noy

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: 12, 13, 14

2. Probondho – o – Godya Sankalan : (c) – Ekta Tulsi Gacher Kahini, (d) – Na Paharar Pariksha (Essay)

3. Kabita Sankalan: (d) - Swadhinata Tumi, (e) - Noon

NB: Entire ISC Syllabus for the Pre – ISC Examination

SYLLABUS FOR CHEMISTRY [SESSION: 2017-2018]

CLASS – 12

FIRST TERM:

Physical Chemistry: [25 marks]

- Solid state
- Solutions
- Chemical kinetics
- Electro chemistry { done in class 11 }
- Surface chemistry { done in class 11 }

Inorganic chemistry: [20 marks]

- d and f Block elements
- general principle and processes of isolation of elements
- some p-Block elements –group 16,17 and 18
- Co-ordination chemistry { done in class 11 }

Organic chemistry : [25 marks]

- Aldehydes , ketones and carboxylic acids
- Organic compounds containing nitrogen
- Haloalkanes and haloarenes { done in class 11 }
- Alcohols,phenols and ethers

FINAL TERM:

Physical chemistry: [25 marks]

FULL CLASS 12 SYLLABUS- completed in first term

Inorganic chemistry: [20 marks]

FULL CLASS 12 SYLLABUS- completed in first term

Organic chemistry : [25 marks]

- Biomolecules
- Polymers
- Chemistry in everyday life
- Rest full first term syllabus

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 - XII

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.

Note: Unless otherwise specified only S.I. Units are to be used while teaching and learning as well for answering questions.

Syllabus for MID TERM

SECTION: A

- a) Electrostatics
- b) Capacitance
- c) Current Electricity
- d) Electromagnetism
- e) Bar “Magnet”
- f) Earth as a “Magnet”

SECTION: B

- a) Magnetic Materials
- b) Electromagnetic Induction
- c) Alternating Current
- d) Electromagnetic Waves

SECTION: C

- a) Semiconductors
- b) Diodes

Syllabus for Prelims Exams: FULL SYLLABUS

BIOLOGY

SYLLABUS FOR 2017-18

CLASS-XII

Based Strictly on ISC (2018) 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. Reproduction
 - (i) Reproduction in organism.
 - (ii) Sexual reproduction in flowering plants.
2. Genetics and Evolution
 - (i) Principles of inheritance and variation
 - (iii) Evolution
3. Biology and Human Welfare.
 - (i) Human health and diseases
 - (ii) Strategies for enhancement in food production .
4. Biotechnology and its applications
 - (i) Biotechnology – Principles and processes
5. Ecology and Environment.
 - (i) Organisms and Populations
 - (ii) Ecosystem

Final Term

1. Reproduction
 - (iii) Human Reproduction
 - (iv) Reproductive Health
2. Genetics and Evolution
 - (ii) Molecular basis of inheritance
3. Biology and Human welfare
 - (iii) Microbes in Human welfare
4. Biotechnology and Its Applications
 - (II) Biotechnology and Its Applications
5. Ecology and Environment
 - (III) Biodiversity and its Conservation
 - (iv) Environmental issue

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 – XII

Practicals : 30 Marks

Theory : 70 Marks

CLASS – XII (Theory)

COMPUTER SCIENCE

Text Book : Computer Science with JAVA

(A Textbook for class XII) By Sumita Arora Dhanpat Rai & Co. [REPRINT : 2017]

MID TERM

| Chapter | Topic |
|----------------|---|
| 1 | Boolean Algebra |
| 2 | Computer Hardware |
| 3 | Objects and Classes |
| 4 | Primitive Values, Types, Casting, Variables & Expressions |
| 5 | Statements, Control Structures and Scope |
| 6 | Functions /Methods |
| 7 | Arrays and Strings |
| 8 | Compiling and Running Java Programs |
| 9 | Java Classes: An OOP Perspective |
| 10 | Operation on Files |

| | |
|----|---------------------------------------|
| 11 | Recursion |
| 12 | Concept of Inheritance |
| 13 | Exception Handling |
| 14 | Simple Data Structures |
| 16 | Computational Complexity (up to 16.5) |

FINAL TERM

| Chapter | TOPIC |
|----------------|---------------------------------|
| 15 | Recursive Data Structure |
| 16 | Computational Complexity (16.6) |

Include All Chapters from Mid-Term

Question Pattern For Mid Term Class XII

Part – I (20 Marks)

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

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

Part – II (50 Marks)

Section A (20 Marks)

(As per ISC Pattern (From Mid-Term Syllabus of Class XII)

Questions from Chapter 1 & 2

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)

As per ISC Pattern

Section C (10 Marks)

2 out of 3 Questions of 5 marks each

Questions from Simple Data Structures, Inheritance & Computational Complexity

Question Pattern for Final Term Class XII

(As per ISC Pattern 2016 onwards)
