

SYLLABUS (2014 - 2015)

ENGLISH LITERATURE CLASS XII

FIRST TERM: [Syllabus of Class 11 to be included]

- **MUCH ADO ABOUT NOTHING (WILLIAM SHAKESPEARE)**

Act 1 to Act 5 (full)

- **ISC Collection of Short Stories**

1. *The Legend of Sleepy Hollow* by Washington Irving.
2. *One Thousand Dollars* by O. Henry.

- **ISC Collection of Poems**

1. *Breaking Out* by Marge Piercy.
2. *Father Returning Home* by Dilip Chitre.
3. *Phenomenal Woman* by Maya Angelou.

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

- **MUCH ADO ABOUT NOTHING (WILLIAM SHAKESPEARE)**
Full Syllabus
- **ISC Collection of Short Stories**
Full Syllabus
- **Prelims :**
Full Syllabus

SYLLABUS (2014 – 2015)
CLASS - XII
ENGLISH LANGUAGE

Name of Text:- Total English (Morning Star)
[Syllabus of Class 11 to be included]

FIRST TERM:

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

(Only 1 question will be set and this will be compulsory

- F.I.R
- Testimonial
- Travelogue
- Diary Writing

GRAMMAR: [20 marks]

COMPREHENSION : [30 marks]

[Syllabus of first term to be included]

SECOND TERM :

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.

(Only 1 question will be set and this will be compulsory)

- Speech Writing
- Personal Profile

GRAMMAR: [20marks]

COMPREHENSION: [30 marks]

PRELIMS:

- FULL SYLLABUS

SYLLABUS 2014 – 2015
CLASS - XII
BUSINESS STUDIES [Part II.I.S.C.] C.B.Gupta

MID TERM [SELECTION EXAMINATION]

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

PRE MOCK 1 – 12, 16 & 17 included.

18. Management of Records
19. Office Automation

MOCK 1 – 12, 16 – 19 included

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

SYLLABUS 2014 – 2015
CLASS – XII
MATHEMATICS (Commerce & Science)

Text Books:- Understanding I.S.C. Mathematics. By M.L.Aggarwal.

Section – A

Ch.No

- 03. Boolean Algebra
- 04. Conics
- 07. Indeterminate forms
- 08. Mean Value Theorems,maxima & minima
- 09. Integration
- 10. Definite Integral
- 11. Application of definite integral

Section – B

Entire (except Probability)

Section – C

- 01.Discount
- 02.Annuities
- 03.Linear Programming

From Class XI Syllabus

- 01. Determinants (section A)
- 02. Matrices
- 05.Inverse Trigonometric function
- 06.Differentiation
- 12.Correlation & Regression

Section – C

- 04.Application of derivatives in Economics & Commerce.
- 05.Index.No & moving averages.

MOCK EXAMINATION.

FULL SYLLABUS

QUESTION PAPER PATTERN

SECTION –A (80marks)

Q.No.01. - 10 questions of 3 marks each (Compulsory) ($3 \times 10 = 30$ marks)

Q.No.02 to Q.No.09 – Attempt any five questions out of eight questions. Each question has two sub-parts of 5 marks each. ($5 \times 10 = 50$ marks)

SECTION – B & SECTION – C. (20marks)

Attempt any 2 questions out of 3 questions from either Section B OR Section C. Each question has 2 sub-parts of 5 marks each.

SYLLABUS 2014 – 2015
CLASS – XII
BIOLOGY

Based strictly on ISC(2014) Syllabus and its scope.

Question Paper Format

Theory Paper: Full Marks:70 Time:3 Hours

Part I (20 Marks) will have compulsory short answer-type questions, based on the entire syllabus for the term.

Part II (50 Marks) will be divided into three Sections **A,B** and **C**.

Students will have to answer **two** out of **three** questions from **Section A**(each of 5 marks), **two** out of **three** questions from **Section B**(each of 10 marks,with sub-parts) and **two** out of **three** questions from **Section C**(each of 10 marks,with sub-parts).

Thus a total of **six** questions are to be answered in **Part II**.

1st Term

Section – A

Unit 1. Origin and Evolution Of Life

- (i) Origin of life

Section – B

Unit 2. Multicellularity

A Plants:

- (i) Tissues
- (ii) Absorption and movement of water in plants
- (iii) Photosynthesis

B Animals: Reproduction

Section – C

Unit 3. Genetics

- (i) Fundamentals of Genetics
- (ii) Mendel's experiments
- (iii) Genes: packing of genetic material in chromosomes
- (iv) Recombinant DNA technology and its applications

Unit 4. Applications of Biology

- (i) Crop improvement
- (v) Human Diseases

FINAL TERM

Section – A

Unit 1. Origin and Evolution of Life

Theories of evolution

Section – B

Unit 2. Multicellularity:

A Plants :

- (iv) Reproduction and development in angiosperms
- (v) Differentiation and organ formation

Section – C

Unit 4. Applications of Biology

- (ii) Biodiversity today
- (iii) Biofertilisers
- (v) Adolescent issues
- (vi) Biomedical Engineering
- (vii) Human population
- (viii) Animal Husbandry

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

SYLLABUS (2014-2015)
CLASS – XII
ACCOUNTS
[AS PER I.S.C. 2015 SCOPE OF SYLLABUS]

- a) **PAPER I – 80 Marks (Theory & Problems)**
b) **PAPER II – 20 Marks (Project Work & Viva – Voce)**

TEXT BOOK – Double Entry Bookkeeping By T.S. Grewal for class –XII (Sultan Chand)

Paper I – Section A – Part I (Compulsory) 12 Marks [Short questions] [6*12 =12]
Part II (Attempt four questions out of seven) [4*12 = 48]

Section B (Attempt two questions out of three) [2*10 = 20]

HALF YEARLY EXAMINATION – 2014

Section- A

1. Joint Venture (Two Problems)
2. Partnership – P/L Appropriation Account (One Problem)
3. Joint Stock Company – Issue, Forfeiture & Reissue Of Shares, Prorata Allotment Of Shares/Interest On Calls In Arrears And Calls In Advance/Issue Of Shares For Consideration Other Than Cash.(Two Problems)
4. Issue Of Debentures.(One Problem)
5. Final Accounts Of Companies.(One Problem)

Section –B

6. Financial Statement Analysis.(One Problem/Theory). 8+2 as per ISC Specimen-2014
7. Cash Flow Statement.[One Problem/Theory] 8+2
8. Ratio Analysis.[One Problem Theory]

PRE ISC EXAMINATION – 2015 (January). [Full Syllabus as per ISC Scope- 2015]

Section – A . 1) Joint Venture. 2) Partnership Accounts. 3) Company Accounts.

Section – B. 4) Financial Statement Analysis . 5) Cash Flow Statement. 6) Ratio-Analysis.

SYLLABUS (2014-2015)
CLASS – XII - (BENGALI)

1. Essay
2. Moulik Golpa
3. Comprehension
4. Grammar
 - a. Banan Suddha
 - b. Bakya Sansodhan
 - c. Bagdhara
 - d. Dhwanyatmak Sabdo

TOPICS FOR TERM – I (LITERATURE)

1. KABYA BICHITRA
 - a) Banalata Sen
 - b) Annadar Bhabananda Bhavane Jatra
 - c) Jiban Bandana
 - d) Asia (Class XI Syllabus)

2. NISKRITI
Chapter 8 – 9 (Class XI Syllabus)

3. RAJARSHI
Chapter 25 – 38 (Class XI Syllabus)

TOPICS FOR MOCK (LANGUAGE)

1. Essay
2. Moulik Golpa
3. Comprehension
4. Grammar
 - a) Bakya Sansodhan
 - b) Banan Suddh
 - c) Dhwanyatmak Sabdo
 - d) Bagdhara

TOPICS FOR MOCK (LITERATURE)

1. KABYA BICHITRA
 - a) Jiban Bhiksha + (Half Yearly Syllabus)
2. NISKRITI
Chapter 1 – 9
3. RAJARSHI
Chapter 39 – 44 + (Half yearly syllabus)

TOPIC FOR PRELIMINARY (LANGUAGE)

1. Full Syllabus

TOPIC FOR PRELIMINARY (LITERATURE)

1. Kabya Bichitra (Full Syllabus)
2. Niskriti (Full Syllabus)
3. Rajarshi (Full Syllabus)

SYLLABUS 2014 – 2015
CLASS XII – HINDI

First Term

Section A (Language)

[50 marks]

- | | |
|---------------------------------------|------------|
| 1. Essay (400 words) | [20 marks] |
| 2. Comprehension | [20 marks] |
| 3. Grammar : Vyakaran Manjusha | [10 marks] |
| i) Correct Sentences | |
| ii) Idioms | |

Section B (Literature)

[50 marks]

Katha Surbhi :

- Ch. 8. Bhagya Rekha
Ch. 9. Lakshmi Ka Wahan
Ch.10. Karmnasha Ki Haar
Ch.11. Kam Kaaj

[Questions will come from Ch. 1 to Ch.11.]

Kavya Trang

- | | | |
|-------------------------------|---|-----------------------|
| 1. Suman Ke Prati | - | Maha Devi Verma |
| 2. Mai Hoon Unke Sath | - | Hari Shankar Parsai |
| 3. Manusya Aur Sarp | - | Ramdhari Singh Dinkar |
| 4. O Nabh mein mandrate badal | - | Rameshwar Shukl |

[Class XI poems to be included in the FIRST TERM]

Nirmala or Jawalamukhi Ke Phul.

Ch. 19 to 27.

(Questions will come from Ch.1 to 27.)

FINAL TERM

Section A (Language)

[50 marks]

- | | |
|---------------------------------------|------------|
| 1. Essay (400 words) | [20 marks] |
| 2. Comprehension | [20 marks] |
| 3. Grammar : Vyakaran Manjusha | [10 marks] |
| i) Correct Sentences | |
| ii) Idioms | |

Section B: (Literature)

[50 marks]

Katha Surbhi

- Ch.12. Aisi holi Khelo Laal.
Ch.13. Ab bhi dharti Ghoom Rahi hai.
[Questions will come from ch.1 to ch.13]

Kavya Tarang:

- | | | |
|------------------------------|---|-------------------------|
| Tufaano Ki Ore. | - | Shiw Mangal Singh Suman |
| Insaan Bankar aa Raha Savera | - | Girija Kumar Mathur |
| Nirmala: Full Book | | |
| OR | | |
| Jawalamukhi Ke Phul | | |

SYLLABUS (2014-2015)
CLASS – XII - COMPUTER SCIENCE

Text Book : Computer Science with JAVA (A Textbook for class XII)
By Sumita Arora Dhanpat Rai & Co.

MID TERM

Ch	Topic
1	Boolean Algebra
2	Computer Hardware
3	Objects and Classes
4	Primitive Values Types, Casting, Variables and 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

Ch	TOPIC
15	Recursive Data Structure
16	Computational Complexity

Include All Chapters from Mid-Term

Question Pattern For Mid Term Class XII

Part –I (30 Marks)

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

3 Compulsory Questions of 10 Marks each

Part – II (70 Marks)

Section A (30 Marks)

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

Questions from Chapter 1 & 2

3 out of 4 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 (20 Marks)

2 out of 3 Questions of 10 marks each

Questions from Simple Data Structures, Inheritance & Computational Complexity

Question Pattern for Final Term Class XII

(As per ISC Pattern)

Syllabus (2014 – 2015)
Class – XII – Physics
Syllabus For Prelims Exams

Section – A

1. Electrostatics
2. Capacitance
3. Current Electricity
4. Electromagnetism , Magnetism
5. Electromagnetic Induction
6. Alternating Currents

Section – B

1. Wave Optics
 - Interference , Diffraction
 - Huygen's Principles
 - Electromagnetic Waves

2. Ray Optics

Section – C

1. Electrons & Photons
2. Structures of Atoms
3. Structure of Nuclei
4. Nuclear Transmutation
5. Nuclear Energy
6. Semiconductors, Diodes , Transistors.

PHYSICS
Class – XII [2014 – 2015]
SYLLABUS FOR HALF YEARLY

Section – A

- a. Electrostatics
- b. Capacitance
- c. Current Electricity
- d. Electromagnetism
- e. Bar 'Magnet'
- f. Earth as a 'Magnet'
- g. Magnetic Materials
- h. Electromagnetic Induction
- i. Alternating Current

Section – B

- a. Semiconductors
- b. Diodes
- c. Transistors

SYLLABUS (2014 – 2015)
CLASS XII - CHEMISTRY

HALF YEARLY

SECTION - A

- 1) Relative Molecular Mass and Mole
- 2) Chemical Kinetics
- 3) Electro Chemistry
- 4) Chemical Equilibrium (Chapters 4, 5 has been completed in Final Term of Class XI)
- 5) Ionic Equilibrium
- 6) Solid State

SECTION - B

- 1) Co-ordination Compound
- 2) P-Block Elements (Group 16, 17, & 18)

SECTION - C

- 1) Alkyl and Arylhalide
- 2) Alcohol and Phenols
- 3) Ethers, Carbonyl Compounds
- 4) Carboxylic Acid and Acid Derivatives

FINAL TERM

SECTION - B

- 1) Chemistry of Transition and Inner - Transition Elements
 - 2) Preparation / Manufacture, Properties and Uses of Compounds of Group 16 & 17
- Ozone, H_2O , SO_2 , H_2SO_4 , HCl

SECTION - C

- 1) Cyanides, Isocyanides, Nitro Compounds Amine and Diazonium Salt
- 2) Polymer
- 3) Biomolecules

NOTE

Full half yearly syllabus is to be introduced in Final Term.

ECONOMICS SYLLABUS [2014 – 2015]
CLASS XII

Book – Frank ISC Economics For Class XII.

First Term (Selection)

- 1.Demand and Law of Demand
- 2.Theory Of Consumer Behaviour
- 3.Elasticity Of Demand
- 4.Supply
- 5.Market Mechanism
- 6.Laws of Returns
- 7.Cost and Revenue Analysis
- 8.Forms of Market
- 9.Producer's Equilibrium
- 10.Determination of Equilibrium Price and Output
- 11.Theory of Income and Employment.

Mock Exams

- 1.Money : Meaning and Functions
- 2.Banks
- 3.Balance of Payment
- 4.Fiscal Policy
- 5.Government Budget
- 6.National Income and Circular flow of Income
- 7.National Income Aggregates
- 8.Methods Of measuring National Income

Note : Refer to the scope of syllabus 2015.

Mock : Entire Book.

COMMERCE SYLLABUS [2014 – 2015]
CLASS - XII

Text Book : ISC Commerce For Class XII - Volume II – By C.B.Gupta. (S.Chand)
As per ISC 2015 scope of syllabus.

Time : 3Hours. Full Marks : 100

- a)Paper I (Theory).....80 Marks
b)Paper II (Project Work & Viva)20 Marks

Paper I – Part I (compulsory short questions) 20 Marks (10*2=20)
Part II (attempt Five questions out of Eight) (5*12=60)

HALF YEARLY EXAMINATION – 2014

- 1.Business Enviroment.
- 2.Financing i.Capital Fixed and Working, ii.Sources of Finance for a Joint Stock Company.
iii.Banking – Latest Trends.
- 3.Marketing – i.Concept and Functions, ii.Marketing Mix, iii.Consumer Protection.

PRE ISC EXMINATION – 2015 (JANUARY)
FULL SYLLABUS AS PER ISCSCOPE – 2015

- 1.Business Enviroment
- 2.Financing
- 3.Management
- 4.Marketing
