

Class XI- 2019-2020

ENGLISH LANGUAGE

1. Composition (400-450 words) (25 marks)
 - a. Narrative
 - b. Descriptive
 - c. Argumentative
 - d. Story Writing
 - e. Discussion/ Expression of views
 - f. Reflective

2. Directed Writing (20 marks)
 - a. Report Writing
 - b. Article Writing
 - c. Film Review
 - d. Speech Writing
 - e. Review of cultural Programme

3. Proposal Writing based on a given situation (10 marks)

4. Questions to test Grammar, structure and usage (20 marks)
 - a. Phrasal Verbs(Fill in the blanks)
 - b. Prepositions(Fill in the blanks)
 - c. Tenses(Fill in the blanks)
 - d. Transformation of Sentences
 - e. Homophones
 - f. Direct/ Indirect Speech

5. Comprehension (25 marks)
 - a. A. Word Meaning
 - b. Homonyms
 - c. Question/ Answer
 - d. Summary writing(100 words)

PS- Students will be graded for Listening and Speaking Skills

LITERATURE

First term

Tempest act 1 and 2

Echoes:

1. Salvatore
2. Fritz
3. Quality

Reverie: collection of ISC poems

1. Gift of india- sarojini naidu
2. Desiderata- max ehrmann

2nd term

Tempest act 3

Echoes:

1. A gorilla in the guest room
2. Chinese statue

Reverie:

1. John brown- bob diller

2. The spider and the fly- marie botham howitt
3. Dolphins- carol anne duffy

Third term

Revision of Full syllabus

HINDI

BOOKS

1. गदय संकलन
2. काव्य मंजरी
3. सारा आकाश
4. व्याकरण मंजूषा

FIRST TERM

गदय संकलन

- पुत्रप्रेम
- गौरी
- शरणागत

काव्य मंजरी

- साखी
- बाल लीला
- एक फूल का चाह

सारा आकाश

- पूर्वदि
- अध्याय एक से अध्याय पांच तक

व्याकरण मंजूषा

- अपठित गद्यांश
- निबंध

- वाक्या सुधि
- मुहावरे

Same in both the terms as per the ISC Syllabus

FINAL TERM

गदय संकलन

- सती
- आउट साइड
- दासी

काव्य मंजरी

- आ: धरती कितना देती है
- नदी के दिप
- तुलसीदास के दोहे

सारा आकाश

- पूर्वाद
- अध्याय छे से दस तक

व्याकरण मंजूषा

- अपठित गद्यांश
- निबंध
- वाक्या सुधि
- मुहावरे

First term syllabus of all the books included

BENGALI

FIRST TERM

1. . कोनि- १, २, ३, अध्याय
2. मुकुट- प्रथम अङ्क १, २, ३ दृश्य
3. कबिता संकलन-

- ওরা কাজ করে
- সালেমনের মা
- রাস্তা কারো একার নয়

LANGUAGE- ভাব সম্প্রসারণ, ভাবার্থ, গল্প রচনা, রচনা, বিষয়ের পক্ষে বা বিপক্ষে যুক্তি সহ আলোচনা, বোধ পরীক্ষণ, ব্যাকরণ

SECOND TERM

১. কোনি- ৪-৭ অধ্যায় (revision of first term)

২. মুকুট- দ্বিতীয় অঙ্কের প্রথম তিনটি দৃশ্য

৩. কবিতা সংকলন- পূর্ব পশ্চিম

বর্ণ পরিচয়

LANGUAGE- Same as 1st term

FINAL TERM

Revision of 1st and 2nd term

HISTORY

FIRST TERM

1. INDIAN HISTORY-

- Growth of nationalism
- Emergence of the colonial economy
- Social and religious movements
- Protest movements

2. WORLD HISTORY-

- Impact of the second phase of industrialization in Europe during the 19th century
- World war I
- Peace settlement
- The great depression
- Rise of communism in Russia

FINAL TERM

1. INDIAN HISTORY-

- Gandhian Nationalism

- Gandhian Nationalism

2. WORLD HISTORY-

- Rise of fascism
- Main features of Mussolini's domestic and foreign policy
- Rise of Nazism
- Rise of militarism in Japan

GEOGRAPHY

FIRST TERM

(PART I BOOK)

- Age & origin of the earth
- Interior of the earth
- rocks
- Endogenous processes and associated landforms
- Drifting of continents and plate tectonics
- Isotasy
- Volcanoes & earthquakes
- Exogenous processes and associated landforms
- Soils

Map- world map

Practical work to be done

SECOND TERM

- Fluvial processes and associated landforms
- Aeolian processes and associated landforms
- Glacial processes and associated landforms
- Work of groundwater and associated landforms
- Marine processes and associated landforms
- Coral reefs
- Composition and structure of the atmosphere
- Insolation and temperature
- Atmospheric pressure and winds
- Atmospheric moisture

Map-world map

Practical work to be done

First term revision

THIRD TERM

- Submarine relief
 - Marine life and deposits
 - Temperature salinity and density of ocean water
 - Ocean water movements
 - The biosphere
 - Biodiversity
 - Biodiversity for sustenance of mankind
 - India as a mega diversity nation
 - Loss of biodiversity
 - Strategies for conservation of biodiversity
 - World climatic types
 - Climate change
 - Natural hazards
- Map – world map
Practical work to be done
First and second term chapters to be included

MATHEMATICS

FIRST TERM

Section a

- Sets
- Relation and functions
- Trigonometry- trigonometric functions, compound and multiple angles
- Principle of mathematic induction
- Complex numbers
- Quadratic equations
- Sequence and series
- Straight lines
- Statistics

Section B-

- Conic sections
- Introduction to three dimensional geometry

Section c-

- Statistics

- Correlation analysis

SECOND TERM:

Section A-

- Permutations & combinations
- Binomial theorem
- Circles
- Probability
- Trigonometric equations
- Limits and derivatives
- Linear inequality

Section B:

- Mathematical reasoning

Section C-

- Index no and moving averages

FIRST TERM SYLLABUS WILL BE INCLUDED IN SECOND TERM

FINAL TERM:

Section A:

- Probability (continued)
- Limits and derivatives(cont.)
- Linear inequalities (cont.)

Section B:

- Mathematical reasoning (cont.)

Section c

- moving averages(cont.)

Final term includes first, second and third term examination

BUSINESS STUDIES

FIRST TERM

1. Business Environment
2. Entrepreneurship

3. Business risks and causes of failure
4. Manager and managerial roles

SECOND TERM

1. Authority, responsibility & accountability
2. Change management
3. Automation at workspace

FIRST TERM SYLLABUS INCLUDED

THIRD TERM

1. Productivity enhancement tools and facilities

ENTIRE SYLLABUS AS PER ISC

ECONOMICS

FIRST TERM

1. Definition of economics-scarcity definition
2. Basic concepts of economics
3. Basic problems of an economy
4. Types of economics
5. Solution to the basic problems
6. State of the Indian economy on eve of independence
7. Economic growth and development
8. sustainable development
9. Structural changes in Indian economy after liberalization
10. Problems of poverty in India
11. Definition of scope, importance and limitation of statistics
12. Measure of central value (mean, median, mode)
- 13.** Index number

SECOND TERM

1. Profile of Indian agriculture
2. Human capital and formation in India
3. Employment & unemployment in India
4. Correlation
5. Measure of dispersion
6. Money

THIRD TERM

Full syllabus as per ISC norms

POLITICAL SCIENCE

FIRST TERM

SECTION A

1. Introduction to political science
2. Fundamental concepts
3. The origin of state
4. Political ideologies

SECTION B

1. End of cold war
2. Disintegration of soviet union
3. Unipolar world

SECOND TERM

SECTION A

1. Sovereignty
2. Law
3. Liberty
4. Equality
5. Justice

SECTION B

1. regional cooperation
2. non alignment and non aligned movement

THIRD TERM

Revision of all chapters

Project work from the list of suggested topics provided in the text book.

COMMERCE

FIRST TERM

- Classification of human activities
- Nature and objectives of business
- Classification of business activities
- Introduction to business organizations
- Sole trader
- Partnership
- Cooperative operation

- Social responsibility of business and business ethics
- E-Business and outsourcing
- Stock exchange
- Business risk and insurance
- Types of insurance
- World trade organization
- Chambers of commerce and industry

SECOND TERM

- Joint stock company
- Types of companies
- Formation of a company
- Wholesale trade
- Retail trade
- Procedure and documents used in home trade
- Nature and scope of foreign trade
- Export trade
- Import trade

First term syllabus included

THIRD TERM

- Public enterprise, public utilities and public private partnerships

Entire syllabus included as per ISC

ACCOUNTS

FIRST TERM

- Introduction to accounting
- Basic terms, GAAP; Accounting concepts and standards
- IFRS
- Bases of accounting and accounting equation
- Journal
- Ledger
- Cash book
- Petty cash book
- Sub division of journal
- Trial balance
- Final accounts (provisions and reserves included)
- Bank reconciliation statement

SECOND TERM

- Depreciation
- Bills of exchange
- Single entry system
- Non trading organization
- Rectification of errors

First term syllabus included

THIRD TERM

- Computers in accounting

Entire syllabus as per ISC

COMPUTER SCIENCE Syllabus / Class : XI / Session : 2019 – 2020

TERM – I

Section – A

1. Numbers

Representation of numbers in different bases and inter conversion between them(e.g. binary , octal, decimal, hexadecimal). Addition and subtraction operations for numbers in different base.

2. Encoding

Binary encoding for integers and real numbers using a finite number of bits(sign magnitude, 2's complement, mantissa exponent notation).

3. Propositional logic, hardware implementation arithmetic operations

Unit 1: Propositional Logic

Section – B

1. Introduction to algorithm problem solving using Java.

Unit I: Object Oriented Programming

Unit II : Objects and Classes

Unit III : History and Development of Java

2. Primitive values wrapper classes, types and casting

3. Variables, expressions

4. Statement, Scope

5. Methods and Constructors

6 Strings.

Section – C

1. **Basic input/output Data File Handling (Binary and Text)**
 2. **Basic input/output using Scanner and Printer classes.**
 3. **Recursion (Concept of recursion simple recursive methods)**
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TERM – II

Section – A

1. Numbers

Representation of numbers in different bases and inter conversion between them(e.g. binary , octal, decimal, hexadecimal). Addition and subtraction operations for numbers in different base.

2. Encoding

Binary encoding for integers and real numbers using a finite number of bits(sign magnitude, 2's complement, mantissa exponent notation.

3. Propositional logic, hardware implementation arithmetic operations

Unit 1: Propositional Logic

Unit 2: Logic Gates

Class-XI Computer Applications Syllabus (2019-2020) continues to Page 2.....

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Section – B

1. Introduction to algorithm problem solving using Java.

Unit I: Object Oriented Programming

Unit II : Objects and Classes

Unit III : History and Development of Java

2. Primitive values wrapper classes, types and casting

3. Variables, expressions

4. Statement, Scope

5. Methods and Constructors

6 Strings.

7. Arrays

Section – C

- 1. Basic input/output Data File Handling (Binary and Text)**
 - 2. Recursion**
 - 3. Implementation of algorithms to solve problems**
 - 4. Packages**
 - 5. Trends in computing and ethical issues**
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TERM – III

Section – A

1. Numbers

Representation of numbers in different bases and inter conversion between them (e.g. binary, octal, decimal, hexadecimal). Addition and subtraction operations for numbers in different base.

2. Encoding

Binary encoding for integers and real numbers using a finite number of bits (sign magnitude, 2's complement, mantissa exponent notation).

3. Propositional logic, hardware implementation arithmetic operations

Unit 1: Propositional Logic

Unit 2: Logic Gates

Section – B

1. Introduction to algorithm problem solving using Java.

Unit I: Object Oriented Programming

Unit II : Objects and Classes

Unit III : History and Development of Java

2. Primitive values wrapper classes, types and casting

3. Variables, expressions

4. Statement, Scope

5. Methods and Constructors

6 Strings.

7. Arrays

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Section – C

1. Basic input/output Data File Handling (Binary and Text)
 2. Recursion
 3. Implementation of algorithms to solve problems
 4. Packages
 5. Trends in computing and ethical issues
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Distribution of Marks (Marking scheme)

Theory : 70 Marks

Part I (20 Marks) : This part will consist of compulsory short answer questions, testing knowledge, application and skills relating to the entire syllabus

Part II (50 Marks => $10 \times 2 + 10 \times 2 + 5 \times 2$) : This part will be divided into three sections **A, B and C**. Candidates will be required to answer **two** questions out of three from **Section A (each carrying 10 marks)** and **two** questions out of three from **Section B (each carrying 10 Marks)** and **two** questions out of three from **Section C (each carrying 5 marks)**. Therefore, a total **six** Questions are to be answered in Part

II

Practical : 30 Marks

- I. A work file containing the practical works related to programming assignments (at least 20)
one throughout the year (**10 Marks**)
- II. ONE Project Work (based on any topic from the syllabus => **5 Marks**)
- III. Solution to programming problem on the computer (**15 Marks => This part shall consists of**
three programming problems from which a candidate has to attempt any one.)