ST. JOSEPH'S COLLEGE
SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
ENGLISH LANGUAGE

Textbook- Total English Book Class 9 (Morning Star)

FIRST TERM

Question 1: Composition (300-350 words)   [20marks]

     Narrative, Descriptive, Argumentative, Short story, Picture Composition

Question 2: Letter Writing   [10marks]

     Informal letter, Formal letter (any one)

Question 3(a) : Notice writing   [5marks]

Question 3(b) : Email writing   [5marks]

Question 4: Comprehension   [20 marks]

     -Meanings   (3marks)

     - Questions   (9marks)

     - Summary   (8marks : 6 for points & 2 for expression)

Question 5: Grammar   [20marks]

     -Prepositions   (1/2*8 =4)

     -Verbs   (1/2*8=4)

     -Joining sentences without using and, but, so (4marks)

     -Participles, Gerunds, Adverbs, Adjectives, Voice,

       Direct and Indirect speech, Conjunctions (8 marks)

FINAL TERM Same as the first term syllabus

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
ENGLISH LITERATURE

FIRST TERM

THE MERCHANT OF VENICE

ACT 1 SCENE 1 to ACT 2 SCENE 2

Treasure Trove :   **POETRY**

THE BANGLE SELLERS – Sarojini Naidu
AFTER BLENHEIM – Robert Southey
TELEVISION – Roald Dahl

Treasure Trove: **PROSE**

A HORSE AND TWO GOATS – R.K Narayan
OLD MAN AT THE BRIDGE – Earnest Miller Hemingway
A FACE IN THE DARK – Ruskin Bond

FINAL TERM

THE MERCHANT OF VENICE

ACT 2 SCENE 3 to ACT 3 SCENE 1

Treasure Trove :   **POETRY**

THE COLD WITHIN- James Patrick Kinney
DAFFODILS – William Wordsworth

Treasure Trove: **PROSE**

HEARTS AND HANDS – O. Henry
AN ANGEL IN DISGUISE – T.S Arthur

Entire FIRST TERM syllabus is included in the FINAL TERM

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
2ND LANGUAGE – BENGALI

Text Books : - **Sonkolita (Gadya)**

- **Chander Pahar(Novel) Bibhutibhusan Bandyapadhyay**
- **I.C.S.E Bangla Bayakaran Manjusha by Somenath Majumdar**
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FIRST TERM

F.M.=80

Section :A (Language 40marks)

- Essay (250 words)   15 marks
- Letter Writing(Formal and Informal)   7 marks
- Comprehension   5 x 2 = 10 marks
- Grammar.   8 marks
    - One word (Pg 54-57)
    - Homophones (Pg 72 – 73)
    - Idioms (Pg 76-78)
    - Transformation of Sentences
    - Voice Change
    - Suffix Prefix
    - Correct the spellings
        - **Section :B (Literature 40marks)**
- Prose - Ginni
          - Lalu
- Novel - Chander Pahar – Chapter 1, 2, 3, 4

FINAL TERM

F.M.=80

Section :A (Language 40marks)

- Essay (250 words)   15 marks
- Letter Writing(Formal and Informal)   7 marks
- Comprehension   5 x 2 = 10 marks
- Grammar.   8 marks
    - One word (Pg 54-58)

- Homophones (Pg 72 – 75)
- Idioms (Pg 76-78)
- Direct and Indirect speech
- Sadhu Cholit
- Correct the spellings

Section   :B (Literature 40marks)

- Prose - Bama
         - Canvassar
- Novel - Chander Pahar – Chapter 5, 6, 7
- **Entire FIRST TERM syllabus is included in the FINAL TERM**

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
2ND LANGUAGE – HINDI

Text Books :   - Sahitya Sagar

- Saras Hindi Vyakaran (Grammar)

FIRST TERM

F.M.=80

Section   :A (Language 40marks)

- Essay (250 words).   15marks
- Letter (Formal & informal).   7marks
- Comprehension.   10marks
- Grammar.   8marks
    - Abstract noun.   Pg. no.221 to 222
    - Synonyms.   Pg.no.251 to 253
    - Opposite.   Pg.no.259 to 262
    - Ashudh shabd.   Pg.no.289 to 290
    - Idioms.   Pg.no.311 to 313
    - One word for many.   Pg.no.273 to 275
    - Do as directed

Section :B (Literature 40marks)

Sahitya sagar :

Short stories:

Ch:1Baat athanni ki
Ch:2Kaki
Ch:3Mahayagya ka Puruskaar
Ch:4Netaji ka chashmaa
Poem:

Ch:1Sakhi
Ch:2Girdhar ki kundaliyan
Ch:3Swarg bana sakte hain

FINALTERM

F.M.=80

Section :A (Language 40marks)

- Essay (250 words).   15marks
- Letter (Formal & informal).   7marks
- Comprehension.   10marks
- Grammar.   8marks
    - Abstract noun.   Pg. no. 223 to 224
    - Synonyms.   Pg.no. 254 to 256
    - Opposite.   Pg.no. 263 to 265
    - Ashudh shabd.   Pg.no. 291 to 292
    - Idioms.   Pg.no. 314 to 316
    - One word for many.   Pg.no. 276 to 277
    - Do as directed

Section :B (Literature 40marks)

Sahitya sagar

Short story: (Questions will come from ch.1,2,3,4,6,)

Ch.6:Bade ghar ki beti

Poem: (Questions will come from ch.1 to ch.6)

4.Wah janmbhumi meri
5.Megh aaye
6.Sur ke pad

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
HISTORY & CIVICS

TEXTBOOK- TOTAL HISTORY AND CIVICS, MORNING STAR PUBLICATION.

FIRST TERM

HISTORY

1. THE HARAPPAN CIVILISATION

2. THE VEDIC PERIOD

3. JAINISM AND BUDDHISM

4. THE MAURYAN EMPIRE

5. THE SANGAM AGE

6. THE AGE OF THE GUPTAS

CIVICS

1. OUR CONSTITUTION

2. SALIENT FEATURES OF THE CONSTITUTION- I

3. SALIENT FEATURES OF THE CONSTITUTION- II

4. ELECTIONS

SECOND TERM

HISTORY

7. MEDIEVAL INDIA – (A) THE CHOLAS

8. MEDIEVAL INDIA- (B) THE DELHI SULTANATE

9. MEDIEVAL INDIA – (C) THE MUGHAL EMPIRE

11. THE MODERN AGE IN EUROPE – (A) RENAISSANCE

12. THE MODERN AGE IN EUROPE – (B) REFORMATION

13. THE MODERN AGE IN EUROPE – (C) INDUSTRIAL REVOLUTION

(PLEASE NOTE CHAPTER-10, MEDIEVAL INDIA – (D) COMPOSITE CULTURE, HAS BEEN REMOVED FROM THE NEW REVISED SYLLABUS GIVEN BY THE ICSE COUNCIL)

CIVICS

5. LOCAL SELF GOVERNMENT- RURAL

6. LOCAL SELF GOVERNMENT – URBAN

QUESTION PAPER PATTERN

There will be :

one paper of two hours duration carrying 80 marks

and an Internal Assessment of 20 marks.

The paper will be divided into two parts, Part I and Part II.

Part I (30 marks)

will contain short answer questions set from the entire syllabus.

Candidates will be required to answer all questions.

Part II (50 marks)

will consist of Section A and Section B.

Candidates will be required to **answer two out of three questions from Section A** and **three out of five questions from Section B**.

The sections will correspond to the sections indicated in the syllabus.

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
GEOGRAPHY

TEXTBOOK- FRANK'S MODERN CERTIFICATE GEOGRAPHY PART-1 - FRANK BROTHERS

FIRST TERM

1. Geographic Grid
2. Movement of the earth
3. Interior Structure of the Earth
4. Rocks
5. Volcanoes
6. Earthquake
7. Weathering
   Map Pointing on World Map.

FINAL TERM

1. Hydrosphere
2. Atmosphere
3. Insolation
4. Atmospheric Pressure
5. Humidity
6. Pollution
7. Natural Vegetation.
   Map Pointing on World Map.

   Including ALL chapters from FIRST TERM.

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
MATHEMATICS

Textbook- UNDERSTANDING MATHEMATICS - M L AGGARWAL

FIRST TERM

1. Pure Arithmetic Rational and Irrational Numbers
2. Commercial Mathematics Compound Interest
3. Algebra
      (i) Expansions
      (ii) Factorisation
      (iii) Simultaneous Linear Equations in two variables. (With numerical coefficients only)
         (SOLUTION AND PROBLEMS)
      (iv) Indices/ Exponents
 4. Geometry
      (i) Triangles   (a) Congruency
                  (b) Mid-Point Theorem and its converse, equal intercept theorem
      (ii) Rectilinear Figures
      (iii) Circle: (a) Chord properties
                  (b) Arc and chord properties
8. Coordinate Geometry* (ONLY PLOTTING OF LINEAR EQUATIONS ON THE GRAPH AND SOLUTION OF SIMULTANEOUS EQUATIONS GRAPHICALLY)

FINAL TERM

5. Statistics
6. Mensuration
7. Trigonometry
8. Coordinate Geometry
* AND THE ENTIRE ICSE SYLLABUS FOR CLASS 9

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
PHYSICS

TEXTBOOK – CONCISE PHYSICS CLASS 9 BY SELINA

FIRST TERM

Measurement and Experimentation

Motion in One Dimension

Laws Of Motion

Pressure in Fluids and Atmospheric Pressure

Upthrust in Fluids

Archimedes's Principle and Floatation

Reflection of Light

Magnetism

FINAL TERM

Heat and Energy

Propagation of sound Waves

Current Electricity

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
CHEMISTRY
TEXTBOOK: CONCISE CHEMISTRY CLASS 9– SELINA PUBLISHERS

FIRST TERM

1) Chapter 1: Language of chemistry

2) Chapter 3: Water

3)Chapter 4 : Atomic Structure and Chemical Bonding

4)Chapter 6 : Hydrogen

5) Chapter 7: Study of Gas Laws.

FINAL TERM

1) Chapter 2 Chemical change and Reactions.

2) Chapter 5 : Periodic Table

3) Chapter 9:Practical Work

The scope and topics per chapter is to be followed in accordance to that prescribed by the cisce Council.

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
BIOLOGY

TEXTBOOK : ICSE 2020 CONCISE BIOLOGY CLASS 9 - Selina Publishers.

FIRST TERM

UNIT 1: BASIC BIOLOGY

CH -2 : CELL : THE UNIT OF LIFE

CH-3 : TISSUES: PLANT AND ANIMAL TISSUES

UNIT- 2: FLOWERING PLANTS

CH-4 : THE FLOWER

CH-5: POLLINATION AND FERTILIZATION

UNIT 3: PLANT PHYSIOLOGY

CH 6: SEEDS- STRUCTURE AND GERMINATION

CH 7 : RESPIRATION IN PLANTS

UNIT 5: HUMAN ANATOMY AND PHYSIOLOGY

CH 10: NUTRITION

FINAL TERM

UNIT 4 : DIVERSITY IN LIVING ORGANISMS

CH 9 : ECONOMIC IMPORTANCE OF BACTERIA AND FUNGI

UNIT 5: HUMAN ANATOMY AND PHYSIOLOGY

CH 11: DIGESTIVE SYSTEM

CH 12: SKELETON – MOVEMENT AND LOCOMOTION

CH 13 : SKIN – ' THE JACK OF ALL TRADES'

CH-14: THE RESPIRATORY SYSTEM

Questions Paper Format   F.M : 90

Section A: F.M = 40 (8 Questions , each carrying 5 marks)Compulsory(Questions of Objective Type)

Section B: F.M = 40 (4*10)   Optional (4 Questions out of 6 to be answered)

The question paper pattern should be strictly in accordance to ICSE question paper format.

All questions of section B must have at least one structured question

N.B Scope of ICSE syllabus 2021 to be strictly adhered to.

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
ECONOMICS

BOOK: ICSE ECONOMICS PART I (For CLASS IX) - J.P. Goel (revised January 2020 edition)

GOYAL BROTHERS PRAKASHAN

AS PER THE SCOPE OF ICSE SYLLABUS 2021

■ <u>FORMAT OF QUESTION PAPER (SUBJECT TO CHANGE)</u>

✓ There will be one paper (theoretical) of two hours duration carrying 80 marks and internal assessment (two projects) of 10 marks each.

✓ The theory paper will be divided into two parts /sections.

<u>SECTION A (40 marks)</u>: will consist of questions requiring short answers and will cover the entire syllabus. There will be no choice of questions. Each question will carry **two** marks.

<u>SECTION B (40 marks)</u>: will consist of questions which will require detailed answers. There will be a choice and candidates will be required to answer **four** questions of **ten** (5 + 5) marks each, out of the given six questions.

Scope of syllabus to be strictly followed

FIRST TERM

Chapter 1: Introduction to economics

(i)   Definition of Economics according to Adams, Robbins, Keynes *and Samuelson*
Self-explanatory
(ii)   Micro & Macro Economics
Meanings, Differences and Examples only.
(iii)   Types of Activities
Economic and Non-economic activities; meaning and examples; differences
(iv)   Sectors in an Economy
Primary, secondary and tertiary sectors: meaning, examples and differences

Chapter 2: Basic concepts of Economics

(i)   Basic economic terms
Meanings of: wants, goods, services, wealth, utility, production, consumption, sustainable consumption, factors of production, market, price, value, income, saving, wealth, welfare, economy.

(ii)   Entities
Government sector, firms, households, foreign sectors: meaning only

Chapter 3: Types of Economies

(i)   On the basis of Nature
Capitalist, Socialist, Mixed Economy- with reference to India; meaning and differences

(ii)   On the basis of Development
Developed, Developing Economy: meaning and differences

(iii)   Economic Growth and Development*: meaning and differences*

Chapter 5: Primary Sector: Agriculture

(i) Primary Sector: Agriculture - contribution of agriculture; problems of Indian agriculture; government measures to increase agricultural production; Green revolution and its impact; food security.

(a) Agriculture and allied activities: meaning; contribution of agriculture to employment, industry, trade and self-sufficiency in food production: a brief understanding of the above.

(b) Problems of Indian Agriculture: a brief understanding of: limited use of technology, fragmentation of land holdings, dependence on monsoon, lack of rural credit facilities, inadequate storage & marketing facilities.

(c) Government measures to improve agricultural production: Use of High Yielding variety seeds, use of fertiliser and insecticides, Better irrigation facilities, Adoption of technology, Setting up of agricultural research centres and institutes, Provision & expansion of rural credit facilities. Provision of better storage and marketing facilities: a brief understanding of the above.

(d) Green Revolution: meaning and its positive impacts.

(e) Meaning of Food Security; role of Food Corporation of India (FCI).

Chapter 6: Secondary Sector: Industry

(ii) Secondary: Industry: meaning and types; adverse impacts of industrialisation and measures to overcome adverse impacts.

(a) Meaning of Industry; a brief understanding of the interdependence of Agriculture and Industry.

(b) Types of Industries; large scale and medium scale Industries. Meaning, features and examples only. Cottage & Small-Scale Industries. Meaning, features and examples; significance with reference to India.

FINAL TERM

Chapter 6: Secondary Sector: Industry

(c) Adverse impacts of industrialisation: a brief understanding of the adverse impacts with reference to industrial pollution and deforestation; measures to overcome the adverse impacts: Afforestation, Waste management.

Chapter 7: Tertiary Sector

(iii) Tertiary Sector: Education and Healthcare, Transportation, Banking, Insurance, Communication, Storage and Warehousing.
Role of each of the above in the economic development of the country in brief with the help of examples.

Chapter 8: Poverty in India

(i) Poverty
Meaning of poverty line - concept based on calorie intake; Relative and absolute poverty: meaning with examples; causes of poverty: any five causes of poverty to be discussed.

Chapter 9: Problem of Unemployment in India

(ii) Unemployment
Meaning; Types: Seasonal, Structural, Technological: meaning and example of each.
Causes of unemployment- any five to be discussed.

FINAL TERM will include all the chapters from FIRST TERM

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
COMPUTER APPLICATION

BOOK : UNDERSTANDING COMPUTER APPLICATIONS with BlueJ – ICSE CLASS IX

– VIJAY KUMAR PANDEY & DILIP KUMAR DEY – APC

FIRST TERM

TOPICS

1. Introduction to Object Oriented Programming concepts –
   I)   Principles of Object Oriented Programming, Difference between Procedure Oriented and Object oriented, Data abstraction, Inheritance, Polymorphism, Encapsulation
   II) Introduction to JAVA - Types of java programs – Applets and Applications, Java Compilation process, Java Source code, Byte code, Object code, Java Virtual Machine (JVM), Features of JAVA - Simple, Robust, secured, object oriented, platform independent, etc.
2. Elementary Concept of Objects and Classes
   Class as a specification for objects and as an object factory, as a blueprint to create objects. Computation as message passing/method calls between objects Objects encapsulate state (attributes) and have behaviour (methods). Class as a user defined data type.
3. Values and data types
   Character set, ASCII code, Unicode, Escape sequences, Tokens, Constants and Variables, Data types, type conversions. Escape sequences [\n, \t, \\, \", \'], Tokens and its types [keywords, identifiers, literals, punctuators, operators], primitive types and non-primitive types with examples, Introduce the primitive types with size in bits and bytes, Implicit type conversion and Explicit type conversion.
4. Operators in Java
   Forms of operators, Types of operators, Counters, Accumulators, Hierarchy of operators, 'new' operator, dot (.) operator. Forms of operators (Unary, Binary, Ternary), types of operators (Arithmetic, Relational, Logical, Assignment, Increment, Decrement, Short hand operators), Discuss precedence and associativity of operators, prefix and postfix,
   Creation of dynamic memory by using new operator, invoking members of class using dot operator,

Introduce System.out.println() and System.out.print()   for simple output.
(Bitwise and shift operators are not included).

5. Input in Java
Initialization, Parameter, introduction to packages, Input streams
Single line comment (//) and multiline comment (/* … */)

6. Mathematical Library Methods
Introduction to package java.lang [default], methods of Math class. pow(x,y),
sqrt(x),

7. Conditional constructs in Java
Application of if, if else, if else if ladder, switch-case, default, break. if, if else,
if else if, Nested if, switch case, break statement, fall through condition in switch
case, Menu driven programs, System.exit(0) - to terminate the program.

8. Iterative constructs in Java
Definition, Types of looping statements, entry controlled loops – for.
finite and infinite, delay, multiple counter variables (initializations and
updations). Demonstrate break and continue statements with the help of loops

FINAL TERM

TOPICS

5. Input in Java
Scanner Class, types of errors, Initialization – Data before execution, Parameters
– at the time of execution, input stream – data entry during execution – using
methods of Scanner class [nextShort(), nextInt( ), nextLong( ), nextFloat ( ),
nextDouble( ), next( ), nextLine( ),   next ( ) .charAt(0)] Discuss different types of
errors occurring during execution and compilation of the program (syntax errors,
runtime errors and logical errors).

6. Mathematical Library Methods
Introduction to package java.lang [default], methods of Math class. cbrt(x),
ceil(x), floor(x), round (x), abs(a), max(a, b), min(a,b),   random( ). Java
expressions – using all the operators and methods of Math class.

8. Iterative constructs in Java
while-loop - variations in looping statements, and Jump statements. Syntax of
entry controlled loops, break and continue, simple programs illustrating for &
while loops, inter conversion between for – while,

Question Paper Format

There will be one **written paper** of two hours duration carrying **100 marks**
and **Internal Assessment of 100 marks**.

Theory F.M. = 100

Section A (Compulsory – 40 marks)

Short answer questions covering the entire syllabus.

Section B (60 marks)

Questions which will require detailed answers (programs and data list).

There will be a choice of questions in this section

SYLLABUS FOR THE YEAR 2020-2021
CLASS 9
COMMERCIAL APPLICATION

BOOK: ICSE COMMERCIAL APPLICATIONS for IX - C.B. GUPTA

FIRST TERM

Ch1-Introduction To Commercial Organisation

Ch 2-Ownership Structure -Sole proprietorship and Joint Hindu Family Business

Ch 3-Ownership Structure -Partnership

Ch4-Ownership Structure -Joint Stock Company

Ch 5-Ownership Structure -Cooperatives Society

Ch 6- Public Sector Enterprises

Ch13-Natural Resources

FINAL TERM

Ch 7- Functioning of a Commercial Organisation

Ch 8-Communication in a Commercial Organisation

Ch 9-Ways of Communication

Ch 10-Tools of Communication

Ch 11- Nature and Terminology of Accounting

Ch 12-Accounting Records

Ch 15-Practices for Conservation Of Resources.

*Project comprises of 5 topics and total marks awarded for project is 100.