

**ST. JOSEPH'S COLLEGE**  
**SYLLABUS FOR THE YEAR 2020-2021**  
**CLASS 8**  
**ENGLISH LANGUAGE**

**Textbook- APPLIED ENGLISH GRAMMAR & COMPOSITION 8 - NOVA**

**FIRST TERM**

**Question 1:**

**Composition (300-350 words) [20marks]**

**Narrative, Descriptive, Argumentative, Short story)**

**Question 2:**

Letter Writing [10marks]

Informal letter ( choice of two letter)

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

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

**Question 4:**

**Comprehension [20 marks]**

-Meanings (5)

-Make sentences (5)

- Questions (10)

**Question 5:**

**Grammar [20marks]**

Ch 7- Adjectives

Ch 8- Comparison of Adjectives

Ch 12- Adverbs

Ch 13- Tenses and their uses 1

Ch 14- Tenses and their uses 2

Ch 15- Tenses and their used 3

Ch 20- Conjunctions

Ch 21- Prepositions

## FINAL TERM

**Question 1: [20 marks]**

**Composition (300-350 words)**

Narrative, Descriptive, Argumentative, Short story)

**Question 2: [10 marks]**

Letter Writing

Informal letter ( choice of two letter)

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

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

**Question 4: [20 marks]**

**Comprehension**

-Meanings (5)

-Make sentences (5)

- Questions (10)

**Question 5: [20 marks]**

**Grammar**

Ch 11- Agreement of the verb with the subject

Ch 16- Active and Passive voice

Ch 31- Transformation of sentences

Ch 30- Direct and Indirect speech

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**ENGLISH LITERATURE**

**TEXTBOOKS – A MAGIC PLACE BOOK 8 – ORIENT BLACKSWAN**

**- LAMBS TALES from SHAKESPEARE – PART II - MADHUBAN**

**FIRST TERM**

***PROSE***

Adrift at Sea  
The Thief  
Superstitions

***POETRY***

Govinda's Disciple  
The Road Not Taken  
The Listeners

***DRAMA***

Julius Caesar  
Twelfth Night

**FINAL TERM**

***PROSE***

My Lost Dollar  
The Adventures of the Speckled Band  
The Wolves of Cernogratz

***POETRY***

O Captain! My Captain!  
Ozymandias  
Felling of the Banyan Tree

***DRAMA***

Macbeth  
A Midsummer Night's Dream

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**2<sup>ND</sup> LANGUAGE – BENGALI**

**Text Books : - SAHITYA MUKUL PART 8 – by MRINAL KANTI BASU**

**-BANGLA BHASHA ANWESHA - by DR. P. C. DAS**

**FIRST TERM**

**F.M.=80**

**Section – ‘A’ (Language 40 Marks)**

-

- |      |                                       |                   |
|------|---------------------------------------|-------------------|
| 1.   | Essay (250 words)                     | 15 Marks          |
| 2.   | Letter Writing (Informal – 150 words) | 7 Marks           |
| 3.   | Comprehensive                         | 10 Marks          |
| 4.   | Grammar                               | 8 Marks           |
| i)   | Give One Word                         | (Page 121 – 122)  |
| ii)  | Bakya Poribartan                      |                   |
|      | a)                                    | Simple Sentence   |
|      | b)                                    | Complex Sentence  |
|      | c)                                    | Compound Sentence |
| iii) | Banan Shuddho                         |                   |

**Section – “B” (Literature 40 Marks)**

**Prose :**

- |      |                    |
|------|--------------------|
| i)   | Tapobane Dushmanto |
| ii)  | Tota Kahini        |
| iii) | Apur Kalpona       |

**Poem :**

- |     |                   |
|-----|-------------------|
| i)  | Ramchandrer Bilap |
| ii) | Jiban Vikkha      |

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**FINAL TERM**

**F.M.=80**

**Section – 'A' (Language 40 Marks)**

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- |      |                                       |                  |
|------|---------------------------------------|------------------|
| 1.   | Essay (250 words)                     | 15 Marks         |
| 2.   | Letter Writing (Informal – 150 words) | 7 Marks          |
| 3.   | Comprehensive                         | 10 Marks         |
| 4.   | Grammar                               | 8 Marks          |
| i)   | Give One Word                         | (Page 121 - 123) |
| ii)  | Banan Shuddho                         |                  |
| iii) | Bakya Poribartan                      |                  |

**Section – "B" (Literature 40 Marks)**

Prose :

- |      |                     |
|------|---------------------|
| i)   | Rajodrohir Sandhane |
| ii)  | Arabindo Prasange   |
| iii) | Biggani Newton      |

Poem :

- |      |                              |
|------|------------------------------|
| i)   | Jibon Bandana                |
| ii)  | Banglar Mukh Aami Dekhiyachi |
| iii) | Aagami                       |

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**2<sup>ND</sup> LANGUAGE – HINDI**

**Text Books :** - DIVYA BHARATI-8

- SARAS HINDI VYAKARAN (Grammar)

**FIRST TERM**

**F.M.=80**

**Section :A (Language 40marks)**

- Essay (250 words). 15marks
- Letter (Formal & informal ):(100-120 words) 7marks
- Comprehension. 10marks
- Grammar. 8marks
  - Abstract noun. Pg. no.221 to 222
  - Synonyms. Pg.no.251 to 253
  - Opposite. Pg.no.259 to261
  - Idioms. Pg.no.311to 313
  - One word for many. Pg.no.273 to 275
  - Adjective, Verb, Tense & Sentence, Voice (Do as directed)
  -

**Section-B(Literature 40marks)**

***Prose***

- Ch:2 Ek Dewangna -Chandra
- Ch:3 Ganw aur Shahar
- Ch:10 Meri Antim Abhilasha

***Poem:***

- Ch:1Hum Pankshi Unmukt Gagan ke
- Ch:8Murjhaya Phool

## FINAL TERM

### Section :A (Language 40 marks)

- Essay (250 words). 15marks
- Letter (Formal & informal). 7marks
- Comprehension. 10marks
- Grammar. 8marks
- Abstract noun. Pg. no.223 to 224
- Synonyms. Pg.no.254 to 255
- Opposite. Pg.no.262 to 263
- Idioms. Pg.no.314 to 316
- One word for many. Pg.no.276 to 277
- Adjective, Verb, Tense & Sentence, Voice (Do as directed)

### Section-B(Literature 40 marks)

#### *Prose*

- Ch.13:Nanha sa Veer
- Ch.14.Vigyapan Yug
- Ch.17.Anyaay Ka Virodh

#### *Poem*

- Ch.15.Sarita Ka Jal
- Ch.18.Honge Kamyab

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**HISTORY & CIVICS**

**TEXTBOOK- TOGETHER WITH HISTORY & CIVICS, RACHNA SAGAR PUBLICATION.**

**FIRST TERM**

**HISTORY**

1. A PERIOD OF TRANSITION.
2. THE GROWTH OF NATIONALISM I- REVOLUTION.
5. TRADERS TO RULERS.
6. BRITISH POLICIES AND IMPACT

**CIVICS**

12. MAIN ORGAN OF THE INDIAN GOVERNMENT- THE CENTRAL LEGISLATURE.
13. MAIN ORGAN OF THE INDIAN GOVERNMENT- THE UNION EXECUTIVE

**FINAL TERM**

**HISTORY**

7. THE GREAT UPRISING OF 1857.
8. INDIA IN THE 18<sup>TH</sup> CENTURY

**CIVICS**

14. MAIN ORGAN OF THE INDIAN GOVERNMENT- THE JUDICIARY.
15. THE UNITED NATIONS

**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)**

**COMPULSORY** : will contain short answer questions set from the entire syllabus.

**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 8**

**GEOGRAPHY**

**TEXTBOOK- FRANK'S MODERN CERTIFICATE GEOGRAPHY CLASS 8 - FRANK BROTHERS**

**FIRST TERM**

1) Population Dynamics

2) Migration

3) Urbanisation

Map pointing- India map

**FINAL TERM**

1) India- Location, Political and Physiographic Division

2) Asia

Map Pointing on India Map

**Including ALL chapters from FIRST TERM.**

# **SYLLABUS FOR THE YEAR 2020-2021**

## **CLASS 8**

### **MATHEMATICS**

**Textbook- UNDERSTANDING MATHEMATICS BOOK 8 - M L AGGARWAL**

#### **FIRST TERM**

1. Rational numbers
2. Exponents and powers
3. Squares and square roots
4. Cubes and cube root
5. Playing with numbers
6. Percentage and its applications
7. Direct and inverse variation ( Time and work to be done in final term)
8. Algebraic expressions and identities
9. Linear equations

#### **Final Term**

1. Direct and inverse variation( including time and work)
2. Operations on Sets; Venn Diagrams ( exclude problem sums on Venn Diagram)
3. Simple and compound Interest
4. Factorization
5. Understanding quadrilaterals
6. Construction of quadrilaterals
7. Mensuration
8. Data Handling

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**PHYSICS**

**TEXTBOOK – CONCISE PHYSICS CLASS 8 BY SELINA**

**FIRST TERM**

**1. MATTER**

- Three states of Matter
- Molecular model of Matter(based on Kinetic Theory)
- Process involving change of state

**2. PHYSICAL QUANTITIES AND MEASUREMENT**

- Density
- Relative Density
- Floatation

**3. SOUND**

- Characteristics of sound
- Amplitude, Pitch, Timbre
- Loudness
- Musical Instruments

**4. ELECTRICITY**

- Safety Components
- Static Electricity
- Conservation of Charges
- Induction and Conduction of Charges
- Electroscope
- Lightning Conductor

**FINAL TERM**

**• FORCE AND PRESSURE**

- Force
- Pressure
- Moment of Force
- Pressure in Liquid and Gases

- Atmospheric Pressure
- **ENERGY**
  - Work
  - Kinetic Energy
  - Potential Energy
  - Energy transformation in daily life situation
  - Power
- **LIGHT ENERGY**
  - Refraction
  - Spherical Mirror
  - Concave and Convex mirror
  - Real and Virtual image
  - Refraction through a Prism
- **HEAT TRANSFER**
  - Boiling and Evaporation
  - Thermal Expansion of matter
  - Linear, Superficial and Volumetric Expansion
  - Expansivity in Solids, Liquids and Gases

**THE SCOPE OF THE SYLLABUS PROVIDED BY ICSE IS TO BE SCRICTLY  
FOLLOWED**

**SYLLABUS FOR THE YEAR 2020-2021**  
**CLASS 8**  
**CHEMISTRY**  
**TEXTBOOK: CONCISE CHEMISTRY BOOK 8– SELINA PUBLISHERS**

**FIRST TERM**

- MATTER
- LANGUAGE OF CHEMISTRY
- CHEMICAL REACTIONS

**FINAL TERM**

- ATOMIC STRUCTURE
- CARBON AND ITS COMPOUNDS.

**SYLLABUS FOR THE YEAR 2020-2021**  
**CLASS 8**  
**BIOLOGY**

**Textbook - ICSE CONCISE BIOLOGY CLASS 8 ( SELINA PUBLICATION)**

**FIRST TERM**

Chapter 1: Transport of food and minerals in plants.

Chapter 2: Reproduction in plants

Chapter 3: Reproduction in humans

**FINAL TERM**

Chapter 4 : Ecosystem

Chapter 5: Endocrine System and adolescence

Chapter 6: Circulatory system in Humans

Chapter 7: Nervous system

**(Project : Chapter 9 : Food production)**

**QUESTION PAPER FORMAT**

F.M. = 80

**Section A** - F. M. -40 ( 8 questions, each carrying 5 marks)

Compulsory (Questions of Objective Type)

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

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**COMPUTER STUDIES**

**TEXTBOOK – REBOOT! BOOK 8 – BY SANGEETA PANCHAL & ALKA SABHARWAL – OUP**

**FIRST TERM**

**CH 1 – Operating System and Graphic User Interface – Role and Functions**

Introduction, need, functions, features and types of Operating System: definition and examples of single user. Meaning of user interface and its types (CUI, GUI).

Introduction to GUI and its advantages.

**CH 2 - Spreadsheet – Functions and Charts**

Method to enter formulae. | Meaning of Range, selecting range, naming a range.

Cell referencing and its types (relative, absolute, mixed –with examples).

Naming, renaming and deleting a sheet from sheet tab.

Meaning of Functions. | Rules to enter a function like Sum, Average, Max, Min, count, etc.

**CH 3 – Charts in Excel 2013 - Creating a chart.**

**CH 5 – Program Coding**

Introduction to Program coding/ programming. Components of a program: identifiers, their naming rules. Literals (like integer, real and string). Data types and the need for different data types (like int, char, float, etc.). Declaration and initialisation of variables. Arithmetic operators (+, -, \*, /, %), relational and logical operators. Assignment operator and its use.

With programs on print() and println(), simple programs using assignment and Arithmetic

operators.

## **FINAL TERM**

### **CH 5 – Program Coding**

As in **FIRST TERM**. With programs on print() and println(), escape sequence \n and \t.  
Logical programs using assignment and Arithmetic operators.

### **CH 6 - App Development**

Introduction to apps Working of apps. Uses of some commonly known apps.  
Types of apps: web or online, mobile. Development of simple apps (using any free app development software)

### **CH 7 – Networks**

Definition of Network and its components (sender, receiver, medium). Definition of different types of networks with examples (LAN, MAN, WAN, PAN, CAN). Meaning of various terms related to internet: Intranet, URL, ISP, IP address, DNS, webpage, website, web portal, MODEM, switch, hub, router, gateways, link, hyperlink, hypertext, band width.  
Introduction to Cloud Computing: characteristics and advantages. Storing and sharing data/information using Cloud Computing.

### **Question Paper Format**

There will be one **written paper** of two hours duration carrying **80 marks** and **PRACTICAL/Internal Assessment of 20 marks**.

#### **Theory F.M. = 80**

##### **Section A (Compulsory – 40 marks)**

Short answer questions covering the entire syllabus except Java.

##### **Section B (40 marks)**

##### **Java**

Questions which will require detailed answers (programs and short answer type).

There will be a choice of questions in this section

**Question Paper Format is open to changes** in keeping with circumstances

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**3<sup>RD</sup> LANGUAGE – BENGALI**

**TEXTBOOK – SAHITYER KATHA KALI – PART 2 JAYITA MAJUMDER & R. MUKHOPADHYAY**

**FIRST TERM**

**F.M = 80**

**SECTION : A (Language 20 MARKS)**

***GRAMMER***

- COMPREHENSION OF UNSSEN PARAGRAPH  
(5 questions x 2 marks = 10)
- SMALL PARAGRAPH WRITING (10 Marks)

**SECTION : B (Literature 60 MARKS)**

- NAME OF SEVEN DAYS A WEEK IN BENGALI
- NAME OF SIX SEASSONS OF THE YEAR IN BENGALI
- NAME OF TWELEVE MONTHS OF THE YEAR IN BENGALI
- NUMBERS 1 TO 50 WITH SPELLINGS IN BENGALI

***PROSE***

- SATYACHARAN
- JATRAPALA
- ARKA BARMANER SANGEET CHORCHA

***POEM***

- DESHER SEBA – RANJIT MUKHOPADHYAY

**FINAL TERM**

**F.M = 80**

**SECTION : A (Language 20 MARKS)**

***GRAMMER***

- ESSAY (10 Marks)
- SMALL LETTER WRITING (INFORMAL) (10 Marks)



**SECTION : B (Literature 60 MARKS)**

- NUMBERS 51 TO 100 WITH SPELLINGS IN BENGALI

***PROSE***

- PALLIR BHALO CHELE PRAFULLA
- SWADHINOTA DIBOSH
- KRISHNOMOHON

***POEM***

- RABIBAR – RABINDRANATH TAGORE

**SYLLABUS FOR THE YEAR 2020-2021**

**CLASS 8**

**3<sup>RD</sup> LANGUAGE – HINDI**

**TEXT BOOK :MEDHA 4**

**FIRST TERM**

**F.M.= 80**

**Section :A (Language 40marks)**

***GRAMMAR***

- VILOM SHABD
- ANEK SHABDO KE LIYE EK SHABD
- ESSAY WRITING
- COMPREHENSION OF UNSEEN PARAGRAPH

**Section-B(Literature 40 marks)**

***PROSE***

- CHATUR HANS
- HAAR KI JEET

***POETRY***

- EK KIRAN AI CHAI

**FINAL TERM**

**F.M.= 80**

**Section :A (Language 40 marks)**

***GRAMMAR***

- ESSAY WRITING
- LETTER WRITING - INFORMAL
- COMPREHENSION OF UNSEEN PARAGRAPH

**Section-B(Literature 40 marks)**

***PROSE***

- JHATPAT SINGH
- GRAMYA JEEVAN

***POETRY***

- KAUN SIKHATA HAI