

**ASSEMBLY OF GOD CHURCH SCHOOL, SODEPUR**  
**SYLLABUS OF CLASS IX**  
**SESSION 2022 - 2023**

**English Language**

**First Term**

1. Composition – [Word limit : 300-350] [20 Marks]

➤ (Choice: 1 out of 5 topics; Attempt ANY ONE)

- (a) Narrative
- (b) Descriptive
- (c) Argumentative
- (d) Short Story
- (e) Picture Composition

2. Letter Writing [10 Marks]

- (a) Informal Letter
- (b) Formal Letter

➤ Any ONE to be attempted

3.

(a) Notice Writing [5 Marks]

(b) E-mail Writing [5 Marks]

➤ E-mail should be on the same content as the notice.

➤ Notice to be written on given directions.

(c) Comprehension

4. Grammar

(i) Prepositions

(ii) Verbs

(iii) Joining Sentences ; (without using “and”, “but” , “so”)

(iv) Transformation of Sentences [Tenses, Articles, Infinite Verbs, Participles, Gerunds, Adverbs, Adjectives, Voice, Direct and Indirect Speech, Conjunctions]

**First Unit Test:**

Comprehension [20 marks]

**Second Unit Test:**

Notice ; Email ; Letter Writing [20 marks]

**Final Term**

➤ **Same as the First Term Syllabus**

**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 – Ernest Miller Hemingway  
A Face in the Dark – Ruskin Bond

### **First Unit Test**

The Merchant Of Venice : Act 1 Scene 1,2

### **FINAL TERM**

THE MERCHANT OF VENICE

Act 2 Scene 3 to Act 3 Scene 1

TREASURE TROVE – POETRY :

The Heart of the Tree – Henry Cuyler Bunner  
The Cold Within – James Patrick Kinney  
Daffodils – William Wordsworth

TREASURE TROVE – PROSE :

Chief Seattle's Speech  
Hearts and Hands – O. Henry  
An Angel in Disguise – T. S. Arthur  
First Term syllabus also to be included.

### **Second Unit Test**

An Angel in Disguise

## **Maths**

### **1<sup>ST</sup> UNIT TEST**

- \* Rational and Irrational Numbers
- \* Compound Interest (without formula)

### **FIRST TERM**

1. Rational and Irrational Numbers.
2. Compound Interest (without formula)
3. Expansion
4. Factorisation
5. Indices
6. Logarithms
7. Pythagoras Theorem
8. Construction
9. Trigonometrical Ratio
10. Coordinate Geometry
11. Graphical Solution

12. Compound Interest (with formula)
13. Simultaneous Equation
14. Inequalities
15. Mid-Point Theorem and its Converse

## **2<sup>nd</sup> UNIT TEST**

\* Circles

\* Trigonometrical Ratio of Standard Angles

NOTE:- FIRST TERM CHAPTERS INCLUDED

FORMAT: UNIT TEST – 20 MARKS

## **SECOND TERM**

1. Circles
2. Trigonometrical Ration of Standard Angles
3. Statistics
4. Mean and Median
5. Area and Perimeter of Plane figures
6. Isosceles Triangle
7. Rectilinear Figure
8. Area Theorems
9. Solids
10. Solution of Right Triangles
11. Complementary Angles
12. Distance Formula.

TERM EXAM – 80 MARKS

## **FINAL TERM**

**ENTIRE SYLLABUS (ALL THE CHAPTERS FROM FIRST AND SECOND TERM)**

## **Physics**

### **1st Unit Test [20 marks] —**

1. Measurement and experimentation

### **1st Term Exam [80 marks]:**

1. Measurement and Experimentation
2. Laws of motion
3. Pressure in fluids
4. Up-thrust in fluids, Archimedes' principle and floatation

### **Final Unit Test [20 marks] —**

1. Reflection of Light

### **Final Term (80 marks)**

1. Heat and energy
2. Reflection of light
3. Propagation Of sound waves
4. Magnetism
5. Current electricity

Full 1st Term syllabus

## **Chemistry**

### **FIRST TERM**

#### **Unit Test (20 marks)**

1. The Language of Chemistry.
2. The Periodic table.

#### **First Term Examination. (80 marks)**

1. Chemical changes and reactions.
2. Water.
3. Atomic structure and chemical bonding.

(All topics of unit test are included)

### **Practical**

1. Identification of gases

Hydrogen ,oxygen ,carbon di oxide,chlorine,hydrogen chloride, sulphur dioxide, hydrogen sulphide, ammonia, water vapour, Nitrogen dioxide.

- 2.Flame test.

### **SECOND TERM**

#### **Unit Test (20 marks)**

1. Gas Laws.
2. Practical based questions.

#### **First Term Examination (80 marks)**

1. Study of the first element –Hydrogen.
2. Study of Gas Laws.
3. Atmospheric pollution.

### **Practical**

1. Action of heat on:-

a.Copper carbonate, Zinc carbonate.

b.Washing soda, Copper sulphate crystals.

c.Zinc nitrate, Copper nitrate, Lead nitrate

d.Ammonium chloride, Iodine, Ammonium dichromate.

e. Action of dilute sulphuric acid on a metal, carbonate, sulphide and sulphite.

(All topics of unit test and first term are included)

## **Biology**

### **1<sup>st</sup> Unit Test [20 marks]:**

- a. Cell
- b. Tissue

### **Mid Term Exam [80 marks]:**

- a. Unit Test Chapters
- b. Introduction to Biology
- c. Cell
- d. Tissue
- e. Respiration in plants
- f. Respiratory system

- g. Skin
- h. Waste Generation and Management
- i. Five Kingdom Classification
- j. Economic Importance of Bacteria and Fungi

**2<sup>nd</sup> Unit Test [80 marks]:**

- a. Flower
- b. Pollination and Fertilization

**Final Term Exam [20 marks]:**

- a. Unit Test Chapters
- b. Flower
- c. Pollination and Fertilization
- d. Seeds- Structure and Germination
- e. Nutrition
- f. Digestive System
- g. Disease cause and control
- h. Aids to health and health organization
- i. Movement and locomotion

**Board examination Entire Syllabus**

**Geography**

**FIRST UNIT**

- 1. Rotation and revolution
- 2. Structure of earth

**FIRST TERM**

- 1. Revision of first unit
- 2. Earth as a planet
- 3. Latitude and longitude
- 4. Land forms of the earth
- 5. Rocks
- 6. Volcanoes
- 7. Earthquake
- 8. Pollution
- 9. Weathering
- 10. Denudation

MAP WORK: WORLD MAP (COUNCIL MAP)

PROJECT: (20 MARKS)

**UNIT TEST II**

- 1. Composition and structure of atmosphere

**FINAL TERM**

- 1. Hydrosphere
- 2. Composition and structure of atmosphere
- 3. Atmospheric pressure and winds
- 4. Humidity
- 5. Pollution
- 6. Sources of pollution
- 7. Effects of pollution
- 8. Preventive measures
- 9. Natural regions of the world

**REVISION OF FIRST TERM SYLLABUS  
MAP: WORLD MAP  
PROJECT (20 MARKS)**

**History**

**FIRST TERM**

**HISTORY:**

1. The Harappan Civilization
2. The Vedic Period
3. Jainism and Buddhism
4. The Mauryan Empire
5. The Sangam Age
6. The Age of Guptas

**WORLD HISTORY:**

1. Renaissance
2. Industrial Revolution

**CIVICS:**

1. Our Constitution
2. Elections

**1<sup>st</sup> UNIT TEST -[20 MARKS]**

1. Elections
2. The Vedic Period

**SECOND TERM**

**HISTORY**

1. Medieval India ( The Cholas)
2. Medieval India ( The Delhi Sultanate)
3. Medieval India ( The Mughal Empire)
4. Composite Culture

**WORLD HISTORY – Reformation**

**CIVICS– Local Self Government ( Rural & Urban)**

**2<sup>nd</sup> UNIT TEST -[20 Marks]**

1. The Delhi Sulphanate
2. The Local Self Government (Urban)

**THIRD TERM**

**Revision of 1<sup>st</sup>& 2<sup>nd</sup> Term**

**Project Work as per ICSE Guidelines**

**Commercial application**

**Mid term:**

1. Introduction to commercial organizations
2. Sole Proprietorship
3. Partnership
4. Joint stock company
5. Natural resources
6. Depletion of resources
7. Cooperative society

## 8. Nature and terminology of accounting

### **Final term:**

1. Public sector enterprises
2. Functioning of a commercial organization
3. Communication in a commercial organization
4. Ways and tools of communication
5. Accounting records
6. Practices for conservation of resources
7. Industrial pollution and degradation of environment.

### **UNIT TEST**

**Mid term:** Introduction to commercial organizations

**Final term:** Communication in a commercial organization

**PROJECTS: Two – Mid term**

**Two-- Final term**

## **Economics**

### **First Term**

#### **Unit Test 1(First and second chapters)**

1. Definition of Economics
2. Basic Terms Used in Economics (Basic Entities and Basic Concepts used in Economics)
3. Types of Economics
4. Problems of an Economy
5. Primary Sector- Agriculture
6. Secondary Sector-Industry

### **Second Term**

#### **Unit Test 2(First and second chapters)**

1. Tertiary Sector-Service
2. Primary Sector
3. Secondary Sector
4. Poverty and Unemployment
5. Major Reforms and Emerging Trends in the Indian Economy
6. Waste Management (according to new syllabus)

Final Term Entire Syllabus

## **Computer application**

### **First term:**

1. Introduction to Object Oriented Programming
2. Elementary concept of objects and classes
3. Values and types
4. Operators in java
5. Input in java

6. Conditional construct in java
7. Iteration construct in Java

**Unit test:**

1. Introduction to Object Oriented Programming
2. Elementary concept of objects and classes [Assignment on Conditional Construct and Iteration Construct in Java]

**Second Term :**

3. Mathematical library methods
4. Nested for loops
5. Computing and ethics

**Unit test :**

Mathematical library methods  
[Assignment on Iteration Construct and Nested loops in Java]

**Home science**

**FIRST UNIT TEST**

1. Concept and scope of Home Science
2. Food and Health.

**HALF YEARLY EXAMINATION (100Marks)**

- 1)Nutrients and their Functions.
- 2)Growth and development.
- 3)Play and Play School-Early Child.
- 4) Colour and its Application
- 5) Sustainable utilization of fuels and energy

**SECOND UNIT TEST (20marks)**

- 1)Lighting in the Home.
- 2)Disease and their Prevention.

**FINAL TERM EXAMINATION (100M)**

1. Maintenance of Sanitation and Hygiene.
2. Waste Segregation.
3. Fibres: Properties and Uses.
4. Fabric Structure.
5. Communication and Extension.

**PHYSICAL EDUCATION**

**First Unit Test :**

**Sec: A**

The Human Anatomy and physiology.

**Sec: B**

**Football**

**Mid Term examination:**

**Sec:A** I) Muscular System II) Respiratory System

**Sec: B** I) Football II) Badminton



**SECOND UNIT TEST:**

**Sec: A** Circulatory System

**Sec: B**

**Basketball**

**Final Term Examination :**

**Sec – A** I) Games and Sports II) Including both Unit tests and First Term

**Sec: B**

I) Cricket

II) Football

III) Badminton

IV) Basketball

Practical : Physical efficiency 6 tests – 50m dash, standing broad jump, distance run, sit ups, pushups, shuttle run, skills of any of the two games ( All for two term

**Syllabus for the year 2022-23**  
**Class- IX**  
**Hindi (second language)**

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**व्याकरण**

1. निबंध
  2. पत्र
  3. अपठित गद्यांश
  4. व्याकरण (विलोम, पर्यायवाची, अनेक शब्दों के लिए एक शब्द, भाववाचक संज्ञा, विशेषण, तत्सम, मुहावरे, लिंग, वचन, शुद्ध- अशुद्ध, निर्देशानुसार वाक्यों में परिवर्तन)
- (In all the two terms as per I.C.S.E syllabus)**

**प्रथम सत्र**

**यूनिट टेस्ट (20 अंक)**

1. बात अठन्नी की
2. पत्र
3. निर्देशानुसार परिवर्तन

**साहित्य सागर**

1. बात अठन्नी की
2. काकी
3. महायज्ञ का पुरस्कार

**पद्य भाग**

1. साखी
2. गिरिधर की कुंडलियाँ
3. स्वर्ग बना सकते हैं

**द्वितीय सत्र**

**यूनिट टेस्ट**

1. वह जन्मभूमि मेरी
2. पत्र लेखन
3. निर्देशानुसार परिवर्तन

**साहित्य सागर**

1. नेताजी का चश्मा
2. अपना- अपना भाग्य
3. बड़े घर के बेटी

**पद्य भाग**

1. वह जन्मभूमि मेरी
2. मेघ आए
3. सूर के पद

**(first term syllabus is included)**

Bengali Syllabus - 2022 -2023  
CLASS - 9

First Term:

চাঁদের পাহাড় - ১ -৪ অধ্যায়

সংকলিতা - গিনি , লালু , বামা, ক্যানভাসার।

ব্যাকরণ - বাগধারা - (পটল তোলা - মাঠে মারা যাওয়া)

Revision of class 7 & 8 1st term

এককথায় প্রকাশ ( পুন্ডরীকাক্ষ - শুচিস্মিতা)

Revision of class 7 & 8 1st term

বাক্য পরিবর্তন ( গঠনগত , অর্থগত ) বাচ্যপরিবর্তন।

পূর্বপাঠের সমস্ত ব্যাকরণ , চিঠি , ধারণা , রচনা।

1st Unit Test : চাঁদের পাহাড় - ১ অধ্যায়

সংকলিতা - গিনি

FINAL TERM

চাঁদের পাহাড় - ৫ - ৮ অধ্যায়

সংকলিতা - নাম , অসহযোগী , দেবতার জন্ম।

ব্যাকরণ : বাগধারা -(যখের ধন - হিতে বিপরীত)

Revision of 7 ,8 ,& 9

পূর্বপাঠের সমস্ত ব্যাকরণ , চিঠি , ধারণা , রচনা।

Entire Syllabus of Class 9

2nd Unit Test : চাঁদের পাহাড় - ৫ অধ্যায়  
সংকলিতা - নাম

UNIT TEST - 20 MARKS  
WRITTEN - 80 MARKS