

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

**ENGLISH LANGUAGE**

First Unit Test [20 MARKS]

1. Transformation of sentences
2. Phrasal verbs
3. Tenses

**First Term [80 MARKS]**

1. Composition -2
2. Proposal writing 2
3. Directed writing -3
4. Short answer question to test Grammar, structure of usage
5. Comprehension-2

**Second Unit test [20 MARKS]**

Directed Writing

Final Term: [80 MARKS]

1. Composition 2
2. Directed Writing -3
3. Proposal writing 2
4. Short answer question to test Grammar, Structure of usage
5. Comprehension 2

**ENGLISH LITERATURE**

First Unit Test [20 MARKS]

The Tempest : Act I

**First Term [80 MARKS]**

The Tempest : Act I & II

Echoes:

1. Salvatore
2. Fritz
3. Quality

Reverie

1. The Dolphins
2. The Gift of India
3. The Spider and the Fly

**Second Unit Test [20 MARKS]**

The Tempest : Act III

**Final Term [70 MARKS]**

The Tempest: Act III

Echoes

1. The Chinese Statue

2. A Gorilla In The Guest Room

Reverie

1. John Brown

2. Desiderate

Revision of First Term syllabus

## **MATHEMATICS**

### **First Term [80 MARKS]**

#### **Section - A**

1. Set
2. Relation and function
3. Trigonometry
4. Principle of Mathematical Induction.
5. Complex Number.
6. Quadratic Equation.
7. Sequence and Series.
8. Straight lines.
9. Statistics.

#### **Section- B**

1. Conic Section.
2. Introduction to three Dimensional Geometry.

#### Section- C

1. Statistics.
2. Correlation Analysis.

### Unit 1 [20 MARKS]

1. Quadratic Equation

### **Final Term [80 MARKS]**

#### **Section- A**

1. Permutation and Combination.
2. Binomial Theorem.
3. Circles.
4. Probability.
5. Trigonometric Equation.
6. Limits and Derivatives.
7. Linear Inequalities.

#### **Section- B**

1. Mathematical Reasoning.

#### **Section- C**

1. Index number and moving averages.

First term included

### **Unit 2 [20 MARKS]**

1. Limits and Derivatives
2. Binomial theorem.

*Note : a) Section A is compulsory for all candidates.*

*b) Candidates will have a choice of attempting questions from EITHER Section B OR Section C.*

## **BUSINESS STUDIES**

FIRST TERM [80 MARKS]

1. Business Environment
2. Entrepreneurship
3. Business Risks and Causes of Failure
4. Manager and Managerial Roles

1st UNIT TEST [20 MARKS]

- \* Business Environment
- \* Entrepreneurship

SECOND TERM [80 MARKS]

1. Authority, Responsibility and Accountability
2. Change Management
3. Automation at Workplaces
4. Productivity Enhancement Tools and Facilities

2nd UNIT TEST [20 MARKS]

1. Change Management
2. Automation at Workplaces

NOTE:- FIRST TERM CHAPTERS INCLUDED

## **FINAL TERM**

Entire syllabus (all the chapters from first and second term)

## **CHEMISTRY**

### **FIRST UNIT TEST (20 marks)**

1. Structure of atom.
2. Redox reaction.

### **First Term Examination (70 marks)**

Physical Chemistry.

1. Some basic concepts of chemistry.
2. Classification of elements and periodic properties..
3. Chemical bonding and molecular structure.
4. State of matter: Gases and Liquids.

Inorganic chemistry.

1. Hydrogen

Organic chemistry.

1. Some basic principles and techniques.

(Chapters of unit test will be included in the examination)

Practical chemistry.(30 marks)

1. Qualitative analysis:

- (i) Identification of anions with dilute sulphuric acid and conc. Sulphuric acid.
- (ii) Identification of cations of group I, II and III.

2. Acid base titration (involving molarity and strength in gm/litre).

**SECOND UNIT TEST (20 marks)**

1. Hydrocarbons.
2. Chemical Thermodynamics.

**Second Term Examination (70 marks)**

Physical Chemistry

1. Equilibrium (Chemical and ionic).

Inorganic chemistry.

1. s-block elements.

2. p-block elements.

Organic chemistry.

1. Environmental chemistry.

**Practical chemistry. (30 marks)**

1. Qualitative analysis

(i) Identification of anions with dilute sulphuric acid and conc. Sulphuric acid.(continued)

(ii) Identification of cations of group IV and V.

2. Acid base titration with percent purity and water of crystallization

All chapters of Unit Test and First Term included

**PHYSICS**

1st Unit Test [20 marks]

1. Physical World and Measurement

**Mid – Term Exam [70 marks]**

1. Kinematics
2. Laws of Motion
3. Work, Energy and Power
4. Motion of System of Particles and Rigid Body
5. Gravitation

**Project & practical [30 marks]**

**2nd unit Test [20 marks]**

1. Properties of Bulk Matter

**Final Term Exam [70 marks]**

1. Heat and Thermodynamics
2. Behaviour of Perfect Gases and Kinetic Theory of Gases
3. Oscillations and Waves

Full 1st term syllabus

**Physics Project & practical [30 marks]**

**BIOLOGY**

**1st Unit Test Examination [20 marks]**

- a. The living world
- b. Three system of classification

**Mid Term Examination [70+30 marks] (Theory + Practical)**

### Unit Test Chapters

- a. Biological classification (upto plant kingdom)
- b. Morphology of flowering plants
- c. Anatomy of flowering plants
- d. Cell: Unit of Life
- e. Biomolecules
- f. Transport in plants
- g. Photosynthesis in higher plants
- h. Digestion and Absorption
- i. Body Fluids and Circulation
- j. Excretory products and their elimination
- k. Neural Control and coordination

### **2nd Unit Test Examination [20 marks]**

- a. Biological classification (Viruses and Animal kingdom)
- b. Animal tissues

### **Final Term Examination [70+30 marks] (Theory + Practical)**

#### Unit Test Chapters

- a. Cell cycle and cell division
- b. Respiration in plants
- c. Plant growth and development
- d. Breathing and exchange of gas
- e. Locomotion and movement
- f. Chemical coordination and integration
- g. Mineral Nutrition in plants
- h. Biomolecules (revision)

## **COMPUTER**

### **Half-Yearly**

#### **Unit - I (20 marks)**

Number System & Propositional Logic

#### **FIRST TERM**

##### **Part I :**

1. Number System
2. Encoding
3. Propositional logic & Hardware Implementation

##### **Part II :**

1. Objects
2. Introduction to OOP
3. Primitive values, wrapper classes and type casting
4. Variables, expression.
5. Statements and scope
6. Function and constructor
7. Arrays and strings
8. Data file handling (Binary and text)

#### **Final term:**

#### **Unit - II (20 marks)**

1. String programs, Array programs

**Final Term****First term Syllabus included****Revision of Part I & II**

1. Recursion
2. Algorithm to solve a problem
3. Packages
4. Computing and ethical issue

**ACCOUNTS****FIRST UNIT**

1. Introduction to accounting
2. Basic accounting terms

**FIRST TERM**

1. Generally accepted accounting principle
2. Accounting equation
3. Journal
4. Ledger
5. Sub division of journal
6. Cash book
7. Petty cash book
8. Trial balance

**SECOND UNIT**

1. Bank reconciliation statement
2. Depreciation

**FINAL TERM**

1. Final accounts of trading organization
2. Bills of exchange
3. Final accounts of non – trading organization
4. Books of incomplete records
5. Rectification of errors

NOTE: FINAL TERM INCLUDES CASH BOOK AND TRIAL BALANCE

**COMMERCE****MID TERM EXAM**

1. Classification of Human Activities
2. Nature and Objectives of business
3. Classification of business activities
4. Introduction to business organization
5. Sole traders
6. Partnership
7. Joint stock company
8. Types of companies
9. Formation of a company
10. Document used in Home trade
11. Export trade
12. Import trade
13. World trade organization

## **FINAL TERM EXAM**

1. Public Enterprises
2. Cooperative organization
3. Social responsibility of business and business ethics
4. E business and outsourcing
5. Stock exchange
6. Wholesale trade
7. Retail trade
8. Chambers of commerce and industry
9. Nature and scope of foreign trade
10. Business risks and insurance
11. Types of insurance

## **UNIT TEST**

MID TERM: Chapters 1 to 3

FINAL TERM : Chapters 14 & 15

## **ECONOMICS**

### **MID TERM**

1. Definition of economics
2. Basic concepts of economics
3. Types of economies
4. Basic problems of an economy
5. Solution to basic economic problems under different economic systems
6. Economic growth and development
7. Sustainable development
8. Planning and economic development in India
9. Profile of Indian agriculture/rural development
10. Definition , scope importance and limitations of statistics
11. Measures of central value
12. Index number

Unit Test Chapters included

### **FINAL TERM**

1. parameters of development
2. Indian economy post liberalization
3. structural changes in the Indian economy after liberalization
4. the problem of poverty in India
5. human capital formation
6. unemployment in India
7. collection, organization and presentation of data
8. measures of dispersion
9. correlation

### **UNIT TEST**

#### **1st TERM:**

1. Definition of economics
2. Basic concepts of economics

**FINAL TERM:**

1. The problem of poverty in India
2. Human capital formation

**ECONOMICS****IST Unit Test [20 MARKS]**

1. Definition of Economics
2. Basic Concepts of Economics

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

1. The problem of poverty in India
2. Human capital formation

**FINAL TERM [80 MARKS]**

1. Parameters (Indicators) of Development
2. Indian Economy post liberalization
3. Structural Changes in the Indian Economy after Liberalization
4. Unemployment in India.
5. Collection, Organization and Presentation of Data
6. Measures of Dispersion
7. Correlation

**Final Term Entire Syllabus****GEOGRAPHY****FIRST UNIT**

1. Age and origin of the earth
2. Interior of the earth

**FIRST TERM**

Revision of first unit

1. rocks
2. endogenous process and associated landforms
3. drifting of the continents and plate tectonics
4. Isotasy
5. volcanoes and earthquake
6. exogenous – process and associated landforms
7. soil
8. fluvial process and associated landforms
9. aeolian – process and associated landforms
10. glacial process and associated landforms
11. work of ground water
12. marine process and associated landforms
13. coral reef
14. Submarine relief
15. Marine life and deposit
16. Temperature salinity and density of ocean water



17. Ocean water movements

**PRACTICAL: STATISTICAL DIAGRAM**

**MAP PROJECTION**

**PROJECT: ONE FIELD TRIP**

**MAP – WORLD MAP (COUNCIL)**

**SECOND UNIT**

1. Composition and structure of atmosphere

**FINAL TERM**

1. Revision of second unit and first term
2. Insolation and temperature
3. Atmospheric pressure and winds
4. Atmospheric moisture
5. World climatic types
6. Climatic change
7. Natural hazards – causes and management
8. Biosphere
9. Bio diversity
10. Bio diversity for sustenance of mankind
11. India as mega diversity nation
12. Loss of bio diversity
13. Strategy for conservation of bio diversity

**WORLD MAP (COUNCIL)**

**PRACTICAL – CHAIN AND TAPE SURVEY**

**REVISION OF FIRST TERM**

**HISTORY**

**FIRST TERM [80 MARKS]**

**INDIAN HISTORY**

1. Growth of Nationalism
2. Emergence of the Colonial Economy
3. Economic, social and cultural impact of British Rule
4. Protest Movement against Colonial rule

**WORLD HISTORY**

5. Impact of the Second Phase of Industrialization in Europe during the late 19th and early 20th century
6. The First World War 1914 - 18
7. Peace settlement

8. The Great Depression
9. Rise of Communism: Russia (1917-1939)

**1st UNIT TEST [20 MARKS]**

1. Growth of nationalism
2. The First World War 1914 - 18

**FINAL TERM [80 MARKS]**

**INDIAN HISTORY**

1. Gandhian Nationalism (1916-1922)
2. Gandhian Nationalism (1927-1934)

**WORLD HISTORY**

3. Rise of Fascism: Italy (1922-1939)
4. Rise of Nazism: Germany (1933-1939)
5. Rise of Militarism: Japan (1919-1937)

2nd Unit Test [20 MARKS]:

- 1) Gandhian Nationalism (1916-1922)
- 2) Rise of Fascism: Italy (1919-1939)

Project work as per the Council Guidelines

**POLITICAL SCIENCE**

**FIRST TERM [80 MARKS]:**

- a. Introduction to Political Science
- b. Fundamental Concepts
- c. The Origin of the State
- d. Equality
- e. Justice
- f. Regional Cooperation:- Asian and European Union
- g. Non-Alignment and Non-Alignment Movement

**FIRST UNIT TEST (20)**

- a. Introduction to Political Science
- b. Fundamental Concepts

**FINAL TERM [80 MARKS]:**

- a. Political Ideologies
- b. Sovereignty
- c. Law
- d. Liberty
- e. End of Cold War and its impact on the Unipolar World

**FINAL UNIT TEST (20)**

- a. Political Ideologies
- b. Sovereignty

Project work as per the Council Guidelines.

**HOME SCIENCE**

**FIRST TERM:**

**UNIT TEST: (20 Marks)**

1. Concept and scope of Home Science

**TERM EXAMINATION: (70 Marks)**

2. Food and Nutrition
3. Storage and Preservation of Food

**C. PRACTICALS: (30 Marks)**

1. Use 24-hour dietary recall method to analyze individual diet patterns.
2. Preparation of simple snacks using Boiling and Baking methods.
3. Prepare a list of activities routinely performed by you in a day.
4. Make flower arrangements: Centre, side.

SECOND TERM:

A. UNIT TEST: (20 Marks)

4. Resource Management (excluding Time and Energy Management)

**B. TERM EXAMINATION: (70 Marks)**

4. Resource Management (Time and Energy Management)
5. Human Development
6. Care and Maintenance of Textiles
7. Communication and Extension

**C. PRACTICALS: (30 Marks)**

1. Preparation of simple snacks using Frying and Steaming methods.
2. Basis of stitching: hemming, running stitch, attaching fasteners.
3. Laundry of Cotton, linen, wool, silk and rayon.
4. Removal of stains.
5. Designing care label for a garment.

**FINAL TERM: (SET BY THE COUNCIL)**

Whole year syllabus included

**PHYSICAL EDUCATION**

**Sec -A**

First unit Test: Concept of physical Education

**Sec-B**

First Unit test – Football

**Mid term Examination:**

**Sec - A**

- i) Individual Aspects and Group Dynamics.
- ii) Nutrition, weight Control and Exercise

**Sec: B**

- i) Football
- ii) Badminton

**Second Unit Test :**

**Sec - A**

- i) Effects of physical exercise on Human Body system

**Sec: B**

i) Basketball

**Final Term Examination:**

**Section - A**

i) Physical Fitness and wellness

ii) Including all chapters of First term and two unit test portion of Section A and Section B

**Section - B**

i) Cricket

ii) Football

iii) Basketball

iv) Badminton

**Practical :**

a) Physical efficiency 6 tests ( 50m dash, standing, broad jump, distance run(600/1000),

Push ups, shuttle run, sit ups

b) Skills of any two games (For two Terms)

**A.G. Church School, sodepur**  
**Hindi syllabus 2022-23**  
**Class XI**

गद्य संकलन

1. पुत्र- प्रेम (मुंशी प्रेमचंद्र) (first unit test)

**Mid Term**

2. गौरी ( सुभद्रा कुमारी चौहान)
3. शरणागत (वृंदावन लाल वर्मा)

काव्य मंजरी

1. साखी (कबीरदास)
  2. बाल लीला (सूरदास)
  3. एक फूल की चाह (सियाराम शरण गुप्त)
- सारा आकाश- (राजेंद्र यादव)  
पूर्वार्द्ध (एक से अध्याय पाच तक।)

व्याकरण मंजूषा

1. अपठित गद्यांश, 2 .निबंध, 3. वाक्य शुद्धि, 4 मुहावरे

**Project work as per ISC syllabus**

गद्य संकलन

- 1 सती (शिवानी जी) (second unit test)

**Final Term**

2. आउट साइडर (मालती जोशी)
  3. दासी (जयशंकर प्रसाद)
- काव्य मंजरी
1. आ: धरती कितना देती है (सुमित्रानंदन पंत)
  2. नदी के द्वीप (अज्ञेय)
  3. तुलसीदास के पद ( तुलसीदास)
- सारा आकाश (राजेंद्र यादव)  
पूर्वार्द्ध( छः से अध्याय दस तक)

व्याकरण मंजूषा

- 1.अपठित गद्यांश 2 निबंध 2 वाक्य शुद्धि 4 मुहावरे

**Project work as per ISC syllabus**

**First Term syllabus is included**

# BENGALI SYLLABUS -2022 -2023

## CLASS - 11

### FIRST TERM :

কোনি - ১,২,৩,৪ পরিচ্ছেদ

মুকুট - প্রথম অঙ্কের তিনটি দৃশ্য

কবিতা সংকলন - ওরা কাজ করে  
রাস্তা কারোর একার নয়  
সালেমনের মা

ব্যাকরণ - ভাবসম্প্রসারণ, ভাবার্থ, রচনা, গল্প  
রচনা, বিষয়ের পক্ষে বিপক্ষে আলোচনা, ধারণা,  
শুদ্ধ - অশুদ্ধ, বাগধারা, এককথায় প্রকাশ, বাক্য  
পরিবর্তন, বাচ্যপরিবর্তন, সাধু-চলিত, পূর্ব পঠিত সমস্ত  
ব্যাকরণ।

### UNIT TEST : (20 Marks)

কোনি প্রথম পরিচ্ছেদ, ওরা কাজ করে।

## FINAL TERM :

কোনি - ৫, ৬, ৭, ৮ পরিচ্ছেদ

মুকুট - দ্বিতীয় অঙ্কের প্রথম তিনটি দৃশ্য।

কবিতা সংকলন - পূব পশ্চিম, বর্ণপরিচয়

ব্যাকরণ - পূর্ব পঠিত সমস্ত ব্যাকরণ, রচনা, ধারণা।

Entire Syllabus of class 11

## UNIT TEST : (20 Marks)

কোনি ৫ পরিচ্ছেদ। পূব পশ্চিম কবিতা।