

ASSEMBLY OF GOD CHURCH SCHOOL, SODEPUR
Syllabus XII
2022-2023

ENGLISH LANGUAGE

SELECTION EXAM

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

Revision of class XI

PRE MOCK EXAM

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

Revision of class XI and first term of class XII

MOCK EXAM

Entire Syllabus of Class XI & XII

ENGLISH LITERATURE

SELECTION EXAM

The Tempest Act 4

Echoes

1. The story of an Hour
2. To Build a Fire

Reverie

1. The Darkling Thrush
2. Birches

Revision of the entire Syllabus of class 11

PRE MOCK EXAM

The Tempest -Act V

Echoes

1. The Sound Machine
2. The Singing Lesson

Reverie

1. Dover Beach
2. Crossing the Bar

Revision of the entire Syllabus of Class 11 & the Selection Exam Syllabus of Class 12

MOCK EXAM

Echoes: B. Wordsworth

Reverie : We are the Music Makers

Revision of the entire Syllabus of class 11 & 12

MATHEMATICS

SELECTION EXAM

Sec-A

1. Relation and Functions.
2. Matrices.
3. Determinants.
4. Continuity and Differentiability.
5. Indeterminate Form

Sec-B

5. Vectors. 6. Three dimensional geometry.

Sec-C

7. Application of calculus.

PRE MOCK EXAM

Sec-A

1. Derivatives and Application of derivatives.

2. Integrals.
3. Differential Equation.
4. Probability.
5. Inverse Trigonometric Function.

Sec-B

6. Three dimensional geometry(planes)
7. Application of Integrals.

Sec-C

8. Linear Regression.
9. Linear Programming Problems

Mock Examination- Selection Exam and Pre Mock exam syllabus are included.

PHYSICS

SELECTION EXAM [70 marks)

1. Electrostatics
2. Current Electricity
3. Magnetic Effects of Current and Magnetism
4. Electromagnetic Induction and Alternating Currents

Project & practical [30 marks]

PRE MOCK EXAM [70 marks]

1. Electromagnetic Waves
2. Optics
3. Dual Nature of Radiation and Matter
4. Atoms and Nuclei
5. Electronic Devices

6. Communication Systems

Full 1st term syllabus

Practical [30 marks]

Mock Exam [70 marks]

Full 1st and 2nd terms syllabus

Practical [30 marks]

CHEMISTRY

SELECTION EXAM (70 marks)

Physical Chemistry

1. Solution.
2. Coordination compound.
3. Chemical kinetics.
4. Surface chemistry.

Inorganic chemistry.

1. General principles and processes of isolation of elements.
2. p-block elements.

Organic chemistry.

1. Halo alkanes and halo arenes.

Practical chemistry.(30 marks)

1. Qualitative analysis:

- (i) Identification of anions with dilute sulphuric acid, conc. Sulphuric acid and special anions.
 - (ii) Identification of cations of group I, II and III, IV and V.
2. Oxidation reduction titration (involving molarity, strength in gm/litre, percent purity and water of crystallisation).
3. Identification of the functional groups based on observation
- (i) Alcohol-glycerol.
 - (ii) Aldehyde-formaldehyde.
 - (iii) Ketone-acetone.
 - (iv) Carboxylic acid-benzoic acid.
 - (v) Amino group-Aniline.

PRE MOCK EXAM (70 marks)

Physical Chemistry

1. Solid state.
2. Electrochemistry.

Inorganic chemistry.

1. d and f-block elements.

Organic chemistry.

1. Aldehydes Ketones and Carboxylic Acid

2. Organic compounds containing nitrogen.

3. Chemistry in everyday life.

(Chapters of first term are included in the examination).

Practical chemistry.(30 marks)

1. Qualitative analysis:

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

anions.(continued)

(ii) Identification of cations of group I, II and III, IV , V and VI(continued)

2. Oxidation reduction titration (involving molarity, strength in gm/litre, percent purity and water of crystallisation).(continued)

3. Study of rate of reaction.

4. Characteristic test of carbohydrate and protein (Glucose and Powdered milk).

(Practical work of first term is included)

MOCK EXAM

All Chapters of first & second term are included.

1. Biomolecules

2. Polymers

BIOLOGY

SELECTION EXAM [70 + 30 marks] (Theory + Practical)

1. Reproduction in Organisms

2. Sexual reproduction in flowering plants

3. Principles of inheritance and variation

4. Evolution

5. Human Health and diseases

6. Biotechnology , principles and processes

7. Organisms and Population

8. Ecosystem

PRE MOCK EXAM

1. Molecular basis of inheritance

2. Strategies for enhancement in food production

3. Human Reproduction

4. Reproductive Health
5. Microbes in human welfare
6. Biotechnology and its application
7. Biodiversity and its conservations
8. Environmental issues

Mock Examination [70 marks

+ [30 marks Practical]

Entire Syllabus

ACCOUNTS

SELECTION EXAM

1. Partnership fundamental
2. Goodwill/ premium for goodwill
3. Admission of a partner
4. Issue of shares
5. Common and comparative
6. Ratio analysis (current ratio, liquid ratio, debt equity ratio, proprietary ratio and debt to total asset ratio)

PRE – MOCK EXAM

1. Retirement and death of a partner
2. Dissolution of a partnership firm
3. Ratio analysis (remaining

ratio)

4. Cash flow statement
5. Final accounts of company

MOCK EXAM

1. Issue of debentures
2. Redemption of debentures

Mock includes entire syllabus

BUSINESS STUDIES

SELECTION EXAM

1. Introduction to Human Resource Management
2. Job and Manpower Planning
3. Staff Recruitment
4. Staff Selection
5. Staff Training
6. Emerging Trends in Human Resources
7. Business Communication
8. Business Correspondence
9. Reports and Report Writing
10. Various Business Entities
11. Sources of Business Finance
12. Globalisation
- * Introduction to Human Resource Management
- * Job and Manpower Planning.....Column Break.....

PRE MOCK EXAM

1. Staff Morale
2. Staff Motivation
3. Staff Remuneration
4. Staff Leadership
5. Staff Appraisal
6. Staff Promotion and Transfer
7. Staff Separation
8. E- Business

9. Outsourcing
10. Business Regulators and Intermediaries

* Staff Morale

* Staff Motivation

NOTE:-SELECTION TERM CHAPTERS INCLUDED
#PROJECT AS PER ISC GUIDELINES

MOCK **ENTIRE SYLLABUS**

ECONOMICS

SELECTION EXAM

1. Micro Economics and Macro Economics
2. Demand and Law of Demand
3. Theory of consumer behaviour
4. Elasticity of Demand
5. Supply- Law Of Supply
6. Market Mechanism
7. Law Of Returns
8. Cost and Revenue Analysis
9. Forms of Market
10. Money
11. Banks
12. Fiscal Policy

PRE MOCK EXAM

1. Producers Equilibrium
2. Determination of Price Equilibrium
3. Theory of Income and Employment
4. Balance of Payment and Exchange Rate.
5. Government Budget
6. National Income and Circular Flow of Income
7. National Income Aggregates
8. Methods of measuring National Income

MOCK EXAM : Entire Syllabus

COMMERCE

SELECTION EXAM

1. Business environment
2. Capital – fixed and working capital
3. Sources of finance of Joint Stock Company
4. Banking
5. management- meaning, nature and importance
6. Principles of management

PRE MOCK EXAM

1. Functions of management and coordination
2. Planning
3. organizing
4. Staffing
5. Directing
6. Controlling

MOCK EXAM

1. Marketing – concept and functions
2. Marketing mix
3. Consumer protection

NOTE: Mock Examination includes entire syllabus.

POLITICAL SCIENCE

SELECTION EXAM

- a. The Legislative
- b. Franchise and Representation
- c. Local Self Government
- d. Fundamental Rights and Directive Principles
- e. Forms of Government

Project work

PRE MOCK EXAM

- a. The Executive
- b. The Judiciary
- c. Democracy in India
- d. Forms of Government
- e. Constitution
- f. Indian Constitution

Project work as per the Council Guidelines

MOCK EXAM : Entire Syllabus

GEOGRAPHY

SELECTION EXAM

UNIT I

1. Location extent of India (comparison with china and Australia)
2. Geological evolution of India
3. Drainage
4. Relief
5. Natural vegetation

UNIT II

1. Population
2. Demographic attributes
3. Migration trend
4. Rural population and urban population

Practical: representation of relief

Study of the topographical map

Project: one field trip

Map India (council map)

PRE MOCK EXAM

UNIT III

1. Land use pattern (Environmental Management)
2. Water resources
3. Agriculture

4. Fisheries
5. Minerals

UNIT IV

1. Transport and communication

UNIT V

1. Industries
2. Tourism

UNIT VI

1. Regional case studies
2. Revision of first term
3. Practical: scale, GIs and remote sensing/plain table survey
4. Revision of first term
5. Map of India (council map)

MOCK EXAM : Entire syllabus

Practical: Entire Syllabus

HISTORY

SELECTION EXAM

INDIAN HISTORY

1. Towards Independence and Partition: The Last Phase (1935-1947)
2. Establishment and Development of Indian Democracy (1947-1966)
3. Challenges to Indian Democracy (1964-1977)
4. Movements for Women's Right

WORLD HISTORY

1. World War II
2. De-Colonization in Asia (China) & Africa (Ghana & Kenya)
3. Protest Movements

PRE MOCK EXAM

INDIAN HISTORY

1. Changing face of the Indian Democracy (1977-1986)
2. India's Foreign Policy

WORLD HISTORY

1. Cold War (1945-1991)
2. Middle East: Israeli-Palestine Conflict (1916-1993)

MOCK EXAM : Entire syllabus will be included

Project work as per the Council Guidelines

COMPUTER

SELECTION EXAM

Section A :

1. Boolean Algebra
 - a. Propositional Logic
 - b. Basic postulates of Boolean Algebra
2. Computer Hardware

Section B :

3. Implementation of Algorithm to solve a problem
4. Programming in java (review of class XI section b and c)
5. Objects
6. Primitives values , wrapper classes ,type casting
7. Variables and expression
8. Statements , scope
9. Constructor and functions
10. Arrays

Section C:

11. Inheritance, interfaces, polymorphism
12. Data structure

PRE MOCK EXAM

Revision of section A ,B and C

1. Strings
2. Recursion
3. Complexity and Big 'O' notation
4. Extensive practice of Arrays and String

Mock Exam : Entire Syllabus

HOME SCIENCE

SELECTION EXAM (70 Marks)

1. Food Preparation
2. Meal Planning for the family
3. Resource Management
4. Consumer Education (excluding Food adulteration)

B. PRACTICALS: (30 Marks)

Project file – 7 Marks (Any one topic as mentioned by the Council will be given)

Practical file – 3 Marks (Meal planning for special occasions, packed meals and therapeutic diets)

Planning and Examination Session - 20 Marks

PRE-MOCK EXAM (70 Marks)

1. Consumer Education (Food Adulteration only)
2. Human Development
3. Traditional Textiles
4. Communication and Extension

B. PRACTICALS: (30 Marks)

Project file – 7 Marks (Any one topic as mentioned by the Council will be given)

Practical file – 3 Marks (Meal planning for special occasions, packed meals and therapeutic diets)

Planning and Examination Session - 20 Marks

MOCK EXAMINATION: (70 Marks)

Whole syllabus will be included

B. PRACTICALS: (30 Marks)

Project file – 7 Marks (Any one topic as mentioned by the Council will be given)

Practical file – 3 Marks (Meal planning for special occasions, packed meals and therapeutic diets)

Planning and Examination Session - 20 Marks

PHYSICAL EDUCATION

SELECTION EXAMINATION

Section -A

- i. Sociological aspects of Physical Education
- ii. Health Education and Health Problems
- iii. Competitions and tournaments
- iv. Training Method

Section :B

- i. Football
- ii. Basketball

PRE MOCK EXAMINATION

- i. Career Aspects in Physical education
- ii. Competitions and tournaments
- iii. Sports injuries and First Aid.

Section -B

- i. Cricket
- ii. Badminton

MOCK EXAMINATION : Entire syllabus from section (A) and section (B)

Practical: Physical efficiency 6 tests - 50m Dash, standing broad jump, Distance Run, Push ups, shuttle Run, sit ups,. Skills of any of the two games
(Everything will be done in 3 terms)

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

First Term

गद्य संकलन

1. क्या निराश हुआ जाए? (हजारी प्रसाद द्विवेदी)
2. भक्तिन (महादेवी वर्मा)

काव्य मंजरी

1. जाग तुझको दूर जाना है (महादेवी वर्मा)
 2. उद्यमी नर (रामधारी सिंह दिनकर)
- सारा आकाश- (राजेंद्र यादव)
उत्तरार्द्ध (एक से अध्याय पाच तक।)

व्याकरण मंजूषा

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

Class 11 syllabus is included

Second Term

गद्य संकलन

- 1 संस्कृति क्या है?(रामधारी सिंह दिनकर)
2. मजबूरी। (मन्नू भंडारी)

काव्य मंजरी

1. बादल को घिरते देखा है।(नागार्जुन)
2. अंधेरे का दीपक। (हरिवंश राय बच्चन)

सारा आकाश (राजेंद्र यादव)

उत्तरार्द्ध (छः से अध्याय दस तक)

व्याकरण मंजूषा

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

Class XI and first term syllabus is included

Project work as per ISC syllabus

Final Term (mock)

Revision of entire syllabus of class XI and XI

BENGALI SYLLABUS 2022 -2023
CLASS - XII

First Term

কোনি -৮,৯,১০,১১,১২ পরিচেছদ। (Revision-১-৭
পরিচেছদ)

মুকুট - ২ অঙ্কের ৪,৫,৬ দৃশ্য (Revision -প্রথম অঙ্ক)

কবিতা- বাবরের প্রার্থনা, স্বাধীনতা তুমি,নুন (Revision of
class 11 1st term)

ব্যাকরণ - বাগধারা, এককথায় প্রকাশ, সাধু-চলিত, শুদ্ধ
অশুদ্ধ, বাক্যপরিবর্তন, বাচ্যপরিবর্তন, বোধপরীক্ষণ, রচনা।

Pre - Mock Exam :

কোনি - ১৩, ১৪ পরিচেছদ। (Revision -৯ -১২পরিচেছদ)

মুকুট - তৃতীয় অঙ্কের তিনটি দৃশ্য(Revision -দ্বিতীয়
অঙ্ক)

কবিতা - যদি নির্বাসন দাও,বনলতা সেন
(Revision-বর্ণপরিচয়,পূব পশ্চিম

ব্যাকরণ - বাগধারা, এককথায় প্রকাশ, সাধু চলিত,শুদ্ধ
অশুদ্ধ, বাক্যপরিবর্তন,বাচ্যপরিবর্তন,বোধপরীক্ষণ,রচনা।

MOCK EXAM : Entire Syllabus