

ANGEL EDUCATION SOCIETY



SYLLABUS

2018-2019

Class - XI

ENGLISH

Half Yearly :SEC-A (Reading Skill)

1. Comprehension.
2. Note Making.

SEC-B (Writing Skill)

1. Notice.
2. Article.
3. Speech.
4. Report.

SEC-C (Grammer)

1. Rectification of Error.
2. Insertion of Missing.

[Based on - a) Tense, b) Modals,
c) Determiners, e) Parts of Speech.]

SEC-D (Literature)

Prose : 1. The Portrait of a Lady.

2. The Alling Planet.

3. The landscape of the soul.

4. We are not afraid.

5. Discovering tut : The saga continues.

POETRY:

1. The photograph.

2. The laburnum top.

3. The voice of the rain.

1st Unit Test :

आरोह १

पद्य भाग - १) कवीर, २) मीरा

गद्य भाग १) नम्मक का दरीया, २) मिया नसीरुद्दीन

जनसंचार - १) प्रतिवेदन, २) पत्र-लेखन (औपचारिका)

Half Yearly:

आरोह १

पद्य भाग - १) कवीर, २) मीरा, ३) गजल, ४) वे आँजे

गद्य भाग १) नम्मक का दरीया, २) मिया नसीरुद्दीन, ३) विदाइ संभाषण, ४) गलता लोध।

वितान - १ : १) लता मंगेशकर, २) राजस्थान की रजत

जनसंचार - १) पिचर, २) आलेप, ३) लघुतरोसक, ४) अपठित गद्यांश और पद्यांश, ५) पत्र (औपचारिका), ६) निबन्ध - लेखन

2nd Unit Test :

आरोह १

पद्य भाग - ५) चंपा कले - काले अक्षर, ६) गजल, ७) अक्क महादेदी

गद्य भाग ६) स्पीति मे वारिश, ७) रजनी, ८) जामुन का पेड़

वितान - १ : १) लता मंगेशकर, २) राजस्थान की रजत वुंदे

जनसंचार - १) पिचर लेखन, २) आलेप लेखन

Annual :

संपूर्ण - पाठ्यक्रमश

BENGALI

1st Unit :

গদ্যাংশ (Prose) : তেলেনাপোতা আবিষ্কার

পদ্যাংশ (Poem) : নুন

ব্যাকরণ (Grammar) : ১। বাক্য পরিবর্তন (সরল, জটিল, যৌগিক)

২। কারক (কর্তৃ, কর্ম, করণ)

নিমিতি (Writing Skill) : ভাবসম্প্রসারণ (১০০-২০০ শব্দে)

Half Yearly :

গদ্যাংশ (Prose) : ১। ডাকাতের মা

২। গ্যালিলিও

পদ্যাংশ (Poem) : ১। বাড়ির কাছে আরশীনগর

২। দ্বীপান্তরের বন্দিনী

সহায়ক পাঠ (Supplementary Reader) : ১। গুরু (১ম ও ২য় অধ্যায় পর্যন্ত)

ব্যাকরণ (Grammar) : ১। কারক (নিমিত্ত, অপাদান,
অধিকরণ সহ সম্পূর্ণ কারক)

২। শব্দ (তৎসম ও তদ্ভব)

নিমিতি (Writing Skill) : ১। সারাংশ লিখন (১০০-২০০ শব্দে)

২। প্রতিবেদন লিখন (১০০-২০০ শব্দে)

বোধ পরীক্ষণ (Comprehension) : ১। দুটি অপঠিত অনুচ্ছেদ (১০০-১৫০

শব্দে) প্রথম চারটি প্রশ্ন অনুচ্ছেদ থেকে সরাসরি, পঞ্চম প্রশ্নটি ব্যাকরণভিত্তিক

সন্ধি, সমাস, সমার্থক, বিপরীত শব্দ, সাধু চলিত, বাক্য গঠন ইত্যাদি

প্রজেক্ট : নাট্যরূপ (১০০০-২০০০) একটা গল্পকে নাট্যরূপ দেবে।

2nd Unit :

গদ্যাংশ (Prose) : ১। বিশাল ডানাওয়ালা এক থুথুরে বুড়ো

পদ্যাংশ (Poem) : ১। শিক্ষার সার্কাস

ব্যাকরণ (Grammar) : ১। বাক্য পরিবর্তন (সরল, জটিল, যৌগিক)

২। শব্দ (দেশী-বিদেশী)

৩। কারক

নির্মিতি (Writing Skill) : ভাবসম্প্রসারণ (১০০-২০০ শব্দে)

২। প্রতিবেদন (১০০-২০০ শব্দে)

৩। সারাংশ

Annual :

১। গুরু (Full Chapter)

1st Unit, Half Yearly & 2nd Unit Syllabus সম্পূর্ণ

প্রজেক্ট : যে কোন একটি

১। সাক্ষাৎকার

২। সার্ভে

৩। গল্পের নাট্যরূপ (১০০০-২০০০ শব্দে)

৪। স্বরচিত গল্প (অভিজ্ঞতামূলক)

পদ্যাংশ (Poem) : নুন

ব্যাকরণ (Grammar) : ১। বাক্য পরিবর্তন (সরল, জটিল, যৌগিক)

২। কারক (কর্তৃ, কর্ম, করণ)

নির্মিতি (Writing Skill) : ভাবসম্প্রসারণ (১০০-২০০ শব্দে)

MATHEMATICS**Half Yearly :**

1. Set
2. Relation and Function
3. Trigonometric Function
4. Complex Number and Quadratic Equation
5. Principle of Mathematical Induction
6. Straight Line
7. Linear Inequation

Unit Test :

1. Permutation and Combination
2. Binomial Theorem
3. Probability
4. Mathematical Reasoning

Annual :

Full Syllabus of NCERT Book

PHYSICS**Half Yearly :**

- Unit 1. Physical world and Measurement
- Unit 2. Kinematics
- Unit 3. Laws of Motion
- Unit 4. Work, Energy and Power
- Unit 5. Motion of system of Particals and Rigid Body
- Unit 6. Gravitation

Test Unit :

Unit 7. Properties of Bulk Matters.

Unit 9. Behaviour of perfect gases and
kinetic theory of gases

Annual:

Entire syllabus as per CBSE curriculum

Practical : AS per CBSE curriculum

CHEMISTRY**NCERT :**

1. Some Basic concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and periodicity in Properties
4. Chemical Bonding and Molecular Structure
12. Organic Chemistry, some Basic Principles and Techniques
13. Hydrocarbons

Unit Test :

5. States of Matter : Gases, Liquids and Solids
6. Chemical Thermodynamics
8. Redox Reactions

Annual :

7. Equilibrium
9. Hydrogen
10. S-Block Elements
11. P-Block Elements
14. Environmental Chemistry

* Entire book is the syllabus for annual exam.

BIOLOGY**Half Yearly :****Unit I**

Chapter 1 – The Living World

Chapter 2 – Biological Classification

Chapter 3 – Plant Kingdom

Chapter 4 – Animal Kingdom

Unit – II

Chapter 5 – Morphology of Flowering Plants

Chapter 6 – Anatomy of Flowering Plants

Chapter 7 – Structural Organisation Animals

Unit – III

Chapter 8 – Cell: The Unit of Life

Chapter 9 – Bio Molecules

Chapter 10 – Cell Cycle and Cell Division

Chapter 11 – Transport in Plants

Chapter 12 – Mineral Nutrition

2nd Unit :**Unit – IV**

Chapter 13 – Photosynthesis in Higher Plants

Chapter 14 – Respiration in Plants

Chapter 15 – Plant – Growth and Development

Unit – V

Chapter 16 – Digestion and Absorption

Chapter 17 – Breathing and Exchange of Gases

Annual :

Unit – V

Chapter 18 – Body Fluids and Circulation

Chapter 19 – Excretory Products and Their Elimination

Chapter 20 – Locomotion and Movements

Chapter 21 – Neural Control and Co-ordination

Chapter 22 – Chemical Coordination and Integration

(And the Syllabus of Half Yearly and II Unit Test are also included)

COMPUTER SCIENCE**Half Yearly :**

Chapter 1 : Computer Overview

Chapter 2 : Software Concepts

Chapter 3 : Data Representation

Chapter 4 : Programming Methodology

Chapter 5 : General OOP Concept

Chapter 6 : Getting Started with C++

Chapter 7 : Data Handling

Chapter 8 : Operators & Expressions

Chapter 10 : Flow of Control

(if-else concept & Switch case)

2nd Unit Test :

Chapter 10 : Flow of Control

Chapter 11 : Functions

Chapter 4 : Microprocessor

Annual:

Chapter 12 : Arrays (1-D and 2-D arrays)

Chapter 13 : Structure

(Including Generla OOP's concept, Geting started with C++, Data Handling, Operators and Expressions, Flow of Control, Functions)

Note : The syllabus has been prepared as per the contents of Computer Science with C++ by Sumita Arora (Dhamput Rai Publication) due to the unavailability oif the text book of Reeta Sahoo & Gayen Sahoo (Saraswati Publication) in the school Library.

PHYSICAL EDUCATOIN

Half Yearly :

Unit I – Changing Trends & Career in Physical Education

Unit II – Olympic Movement

Unit III – Physical Fitness, Wellness & Lifestyle

Unit IV – Physical Education & Sports for CWSN

Unit V – Yoga

Unit VI – Physical Activity & Leadership Training

Practical :

1. Labelled diagram of 400m Track & Field with computations.
2. Computation of BMI from family or neighbourhood & graphical representation of the data.
3. Labelled diagram of field & equipment of any one game of your choice out of the above list.
4. Physical Fitness (AAHPER)

2nd Unit Test :

Unit VII – Test, Measurement & Evaluation

Unit VIII – Fundamentals of Anatomy & Physiology

Unit IX – Kinesiology, Biomechanics & Sports

Annual :

Unit X – Psychology & Sports

Unit XI – Training In Sports

Unit XII – Doping

Practical :

1. Explanation & List of current National Awardees (Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award)
2. Pictorial presentation of any five Asanas for improving concentration

**** Including entire Syllabus**

COMMERCIAL ART

Half Yearly :

Theory :

1. Arts of Indus Valley
2. Buddhist Jain and Hindu Art

Practical :

Illustration – a) Nature b) Games c) Poster Making
d) Social, National and International

2nd Unit :

Theory : Hindu Art – Introducing of Ajanta – Location, Period, No at caves, Painting and Sculpture, Sub matter and Technique etc.

Practical : Poster making – Community and Nature development, Cultural Activities

Annual :

Theory : 1. Pre-Historic Rock Painting and Art of Indus Valley
2. Buddhist Jain and Hindu Art
3. Temple Sculpture, Broze and Artistic aspects of Indo-Islamic Architecture

Practical :

- a) Illustration
- b) Advertisement
- c) Port Folio Assessment

ACCOUNTANCY

Half Yearly :

Part – A

- 1) Introduction to Accounting
- 2) Theory of Accounting
- 3) Recording of Transaction
 - a) Rules of Debit and Credit
 - b) Accounting Equation
 - c) Journal, Ledger, Cash Book and Other Day books
 - d) Trial Balance

Part – B

- 1) Financial Statements of Sole Proprietorship (with out adjustment)
and Project Work (10 Marks)

Unit Test :

Part – A

- 1) Bank Reconciliation Statement
- 2) Depreciation (Straight line Method and Written Down Value Method only)
- 3) Bill of Exchange
- 4) Reserve & Provisions (only Theory)

Annual :

Part - A

- 1) Rectification of Errors

Part B : Financial Statements

- 2) Financial Statement of sole Proprietorship (with adjustment)
 - 3) Receipts and Expenditure – Revenue Receipts and Capital receipts, Capital Expenditure and Revenue Expenditure & Deferred expenditure
 - 4) Incomplete Records
 - 5) Computer in Accounting
- And Project Work and Entire Syllabus of Half Yearly
+ Unit Test

BUSINESS STUDIES (054)

Half Yearly :

Part – A

- 1) Nature and Purpose of Business
- 2) Forms of Business Organisation
- 3) Public, Private and Global Enterprises

Part – B

- 4) Sources of Business Finance
- + Project Work (10 Marks)

Unit Test :

Part A

- 1) Business Services
- 2) Emerging Modes of Business

Part – B

3) Small Business

Annual :

Part A

1) Social Responsibility of Business Ethics

Part B

2) Internal Trade

3) International Business

+ Project Work + Entire Syllabus of Half Yearly
& Unit Test .

ENTERPRENERSHIP 006

Half Yearly :

1) Entrepreneurship – What, Why and How

2) An Enterprenuer

3) Entrepreneurial Journey

4) Enterpreneuship as Innovation and

Problem Solving + Project Work (30 marks)

Unit Test :

1) Understanding the Market

2) Business Arithimatic

Annual :

1) Resource Mobilisation

+ Project Work (30 Mark) + Entire Syllabus of Half

Yearly and Unit Test**ECONOMICS****Half Yearly :**

Micro Sec – A

1. Introduction
2. Consumer's behaviour and demand
3. Supply and elasticity of supply

Stat Sec – B

1. Introduction
2. Collection, Organisation and presentation of data
3. Measures of Central tendency

2nd Unit :

Micro Sec – A

1. Producer's behaviour and supply

Stat Sec – B

1. Measures of Dispersion

Annual :

Micro Sec – A

1. Forms of market and price determination under perfect competition

Stat Sec – B

1. Correlation
2. Index number

Full Syllabus (40% from Half yearly)

(60% from 2nd Unit and Annual)

HOME SCIENCE

Half Yearly :

Ch. 1 : Introduction – Evolution of the discipline and its relevance to the quality of life

Unit I

Ch. 2 : Understanding the self

Ch. 3 : Food, Nutrition, Health and Fitness

Ch. 4 : Management of Resources

Ch. 5 : Fabric Around Us

Ch. 6 : Media and Communication technology.

2nd Unit Test :

Unit II

Ch. 7 Relationships and Interactions with significant others

Ch. 8 Concerns and needs in diverse contexts :

Family, School, Community and Society

Unit – III

Ch. 9 Survival, Growth and Development

Ch. 10. Nutrition, Health and Wellbeing

Ch. 11 Care and Education

Annual :

Unit – III

Ch. 12. Our Apparel

Unit – IV

Ch. 13 Health and Wellness

Ch. 14. Financial Management and Planning

Ch. 15 Care and Maintenance of Fabrics

(Half Yearly and 2nd Unit Test syllabues is also included)

GEOGRAPHY

Half Yearly :

Fundamental of Physical Geography

Ch. 1) Geography as a Discipline

Ch. 3) Interior of the Earth

Ch. 8) Composition and Structure of Atmosphere

Ch. 4) Distribution of Oceans and Continents

Ch. 7) Landforms and their Evelution (Work of river and wind)

India-Physical Environment

Ch. 1) India location and size

Ch. 2) Physical Features of India

Map Work

1) Indian States and its Capital

2) Mega Cities of the World

(London, New York, Mosco, Sydney, Kolkata, Delhi, Paris, Tokyo)

3) Physiographic division of India

- i) Mountains or peaks :- Karakoram, Garo, Khashi, Jayantia, Aravalli, Satpura, Vindya, Nilgiri, Himalaya, Eastern Ghats, Western Ghats, K₂
- ii) Plateaus – Chotanagpur, Meghalaya, Decan
- iii) Plains – Northern Plain, Eastern and Western Coastal Plain)

2nd Unit :

Fundamental of Physical Geography

Ch. 9) Solar Radiation, Heat Balance and Weather.

Ch. 10) Atmosphere Circulation and Weather System

India-Physical Environment

Ch. 3) Drainage

Ch. 4) Climate

Map Work : Rivers of India

(Ganga, Indus, Satley, Narmada, Mahanadi, Krishna, Kaveri, Brahmaputra, Tapi, Luni)

Annual:

Fundamental of Physical Geography

Ch. 9) Solar Radiation, Heat Balance and Weather System

Ch. 11) Water in the Atmosphere

Ch. 12) World climate changes

(Green House effect)

Ch. 15) Life on the Earth

Ch. 16) Bio-Diversity and Conservation

India-Physical Environment

Ch. 5) Natural Vegetation

Ch. 6) Soil

Map Work

1) Natural Vegeration of India

(NCERT Page No. 58)

2) Soil of India (NCERT Page No. 70)

3) India :- Biosphere Reserveb (NCERT Page No. 65)

4) Mega-cities of the world

(As per the syllabus of the half-yearly examination)

HISTORY

Half Yearly :

Chapter 1. From the begining of time.

Chapter 2. Early Cities

Chapter 3. An empire across three continents

Chapter 4. Central Islamic lands

Chapter 5. Nomadic Empires

Chapter 6. Three Orders

Map Work : Africa, Germany, Ethiopia, Iraq, Iran,
India, Italy, Rome

2nd Unit :

7. Changing Cultural traditions

8. Confrontation of Cultures

Annual :

9. The Industrial Revolution

10. Displacing indigenous people

11. Paths to Modernisation

Map Work + 2nd Unit included

China, Japan, Spain, Portugal, Australia, Tokyo,
France, Pacific Ocean

POLITICAL SCIENCE

Half Yearly :

Book I : Indian Constitution at Work

Ch. 1) Constitution why and How and Philosophy of the Const.

Ch. 2) Rights in the Indian Constitution

Ch. 3) Election and Representation

Ch. 4) The Executive

Ch. 5) The Legislature

Book II : Political Theory

Ch. 1) Political Theory : An Introduction

Ch. 2) Freedom

Ch. 3) Equality

Ch. 4) Social Justice

Ch. 5) Rights

2nd Unit :

Book I : Indian Constitution at Work

Ch. 6) The Judiciary

Ch. 7) Federalism

Book II : Political Theory

Ch. 6) Citizenship

Ch. 7) Nationalism

Annual :

Book I : Indian Constitution at Work

Ch. 8) Local Government

Ch. 9) Constitution as a living Documents

Book II : Political Theory

Ch. 8) Secularism

Ch. 9) Peace

Ch. 10) Development

Syllabus of Unit II included

SOCIOLOGY

Half Yearly :

Book : Introducing Sociology

- 1) Sociology, Society and its relationship with other sciences.
- 2) Basic Concepts and their use in Sociology
- 3) Understanding Social Institutions
- 4) Culture and Socialization
- 5) Doing Sociology: Research Methods

2nd Unit Test :

- 6) Introducing Western Sociologists
- 7) Indian Sociologists

Annual :

- 8) Social Structure, Stratification and Social Processes in Society
- 9) Social Change and Social Order in Rural and Urban Society
- 10) Environment and Society
- 11) Introducing Western Sociologists
- 12) Indian Sociologists

PHYSIOLOGY

Half Yearly :

- Ch. No. 1) What is Physiology ?
- Ch. No. 2) Methods of Enquiry in Psychology
- Ch. No. 3) The Bases of Human Behaviour
- Ch. No. 4) Human Development
- Ch. No. 5) Sensory, Attentional and Perceptual Process

Practicals :-

1. Attention
2. Motivation

Projects

2nd Unit Test :

6. Learning

7. Human Memory

Annual :

Ch. No. 5) Sensory, Attentional and Perceptual Process.

Ch. No. 6) Learning.

Ch. No. 7) Human Memory

Ch. No. 8) Thinking

Ch. No. 9) Motivation and Emotion

Practicals :

1. Learning

2. Motivation

Projects