

St. Xavier's school, Doranda

Session 2021-22

Class – VII

English I

First Term

English 1.

1. Kinds of Sentences (Assertive, Imperative ,
Interrogative, Exclamatory) April (3rd week) **Unit Test**
2. Verbs (transitive and Intransitive) April (4th week) **Unit Test**
3. Verbs of incomplete Predication June (1st and 2nd week) **Unit Test**
4. Preposition June (3rd and 4th week)
5. Voice (Active and Passive) July (1st and 2nd week)
6. Essay Writing (Descriptive and Narrative) July (2nd week)
7. Letter (informal) July (3rd week)
8. Comprehension July (4th week)

Revision

July 5th week

First term Examination- All the chapters taught in the first term.

9. Verbs (Finite/Non Finite) August (3rd and 4th week)
10. Adverbs September (1st and 2nd week)
11. Tenses September (3rd week)
12. Précis writing (30 words) September (4th Week)
13. Letter Writing (Formal) October (1st week)

Revision

October (2nd week)

Second term Examination – All the chapters taught in the second term – 40 Marks CCE (40 Marks)

Project (20 Marks)

-Project on Conjunctions – Subordinating ,co-ordinating

and co-relative conjunctions.

14. Story writing Nov (2nd week)
15. Analysis of the simple sentences Nov (3rd and 4th week)
16. subject verb Agreement Dec (1st week)
17. Adjectives Degrees of comparison Dec (2nd week)
18. Conjunctions Dec (3rd week)
19. Proverbs Jan (2nd week)
20. Direct and Indirect Narration Jan (3rd week)

Revision

January (4th week)

Final term- All the chapters taught in the first ,second and the third term.

English II

First Term:

- 1: An Uncomfortable Bed –Guy De Maupassant (Prose) (12th April- 24th April)
2. The Master Artist ---Carole Moore (Prose) (26th April-3rd May)
3. Maps--- Dorothy Brown Thompson (Poetry) (13th June – 20th June)
4. Homesickness—Roald Dahl (Prose) (21st June- 30th June)
5. Wandering singers—Sarojini Naidu (Poetry) (1st July-11th July)
6. Figures of Speech (1st July -17th July)
- Revision for the First Term: (18th July- 30th July)

Unit Test: Ch:1 An Uncomfortable Bed

Ch:2 The Master Artist

Second Term:

Project: Make a Project on Life and Achievements of Rabindranath Tagore with Special Reference to any of his work that you have read. (20marks)

- 1.The Fight ----Piri Thomas (Prose) (18th August -31st August)
2. Vet in the Forest ----Dhriti K Lahiri Choudhry (Prose) (1st September-13th September)
3. A Sea Of Foliage ---Toru Dutt (Poetry) (14th September- 24th September)
4. Revision for second term (27th September- 8th October)
4. Homesickness ----Roald Dahl (1st Term)

CCE: 40 marks

Written evaluation: 40 Marks

Third Term:

1. The Wolves Of Cernogratz.---Saki (Prose) (10th november-16th November)
2. Break Break Break –Alfred Lord Tennyson (Poetry) (18th November-30th November)
3. My Unknown Friend –Stephen Leacock (Prose) (1st December -13th December)
4. The Kabuliwala –Rabindranath Tagore (Prose) (14th December- 22nd December)
5. The Mother Bird –Walter De La Mare (poetry) (10th January- 21st January)
- Revision for the final Term: (24th January onwards)

5. Wandering Singers – Sarojini Naidu (Poetry) (1st Term)

6. The Vet in the Forest – Dhriti K Lahiri Choudhry (2nd Term)

SUB-HINDI

साहित्य – अंकुश (हिंदी पाठमाला भाग -7)

व्याकरण - आओ व्याकरण सीखें

1st Term – Section – A (40 Marks)

भाषा –

१. निबंध - महात्मा गाँधी, ईद, कंप्यूटर का महत्व, बाढ़ । इसी के अनुरूप अन्य निबंध
२. चित्र-लेखन
३. पत्र-लेखन (क) औपचारिक (ख) अनौपचारिक
४. भाव-ग्रहण
५. व्यावहारिक व्याकरण -
 १. विलोम 1-30
 २. पर्यायवाची 1-20
 ३. वाक्यांश 1-24
 ४. अनेकार्थक शब्द 1-16
 ५. युग्म शब्द 1-15
 ६. मुहावरा 1-20
 ७. लोकोक्ति 1-10
 ८. तदभव से तत्सम 1-14
 ९. भाववाचक संज्ञा बनाना
 १०. विशेषण बनाना

Section – B (40 Marks)

साहित्य –

१. पुष्प की अभिलाषा कविता
२. एक थी गाय कहानी
३. मनुष्य को कितनी ज़मीन चाहिए कहानी
४. अनुपम गुरुभक्त कहानी

व्याकरण-

१. प्रत्यय - परिभाषा, भेद, उदाहरण तथा शब्द बनाना
२. संधि - परिभाषा, भेद, उदाहरण, संधि –विच्छेद

३. विशेषण - परिभाषा, भेद, उदाहरण, विशेष्य, प्रविशेषण

तृतीय पत्र (100 अंक)

- | | |
|-------------------|--------|
| १. सुलेख | 10 अंक |
| २. अनुच्छेद लेखन | 10 अंक |
| ३. वर्तनी | 10 अंक |
| ४. शब्दार्थ | 10 अंक |
| ५. हिंदी वाकपटुता | 60 अंक |

Unit Test

१. प्रत्यय
२. एक थी गाय कहानी
३. पुष्प की अभिलाषा कविता

2nd Term – Section – A (40 Marks)

साहित्य – अंकुश हिंदी पाठमाला भाग – 7

व्याकरण – आओ व्याकरण सीखें

भाषा –

निबंध – बाल दिवस, वसंत ऋतु, पुस्तकालय से लाभ, नेताजी सुभाष चंद्र बोस । इसी के अनुरूप अन्य निबंध ।

पत्र-लेखन – (क) औपचारिक (ख) अनौपचारिक

व्यावहारिक व्याकरण-

- | | |
|-------------------------|-------|
| १. विलोम | 31-60 |
| २. पर्यायवाची | 21-40 |
| ३. वाक्यांश | 25-47 |
| ४. अनेकार्थक शब्द | 17-32 |
| ५. युग्म शब्द | 16-30 |
| ६. मुहावरा | 21-40 |
| ७. लोकोक्ति | 11-20 |
| ८. तत्सम से तदभव | 15-28 |
| ९. भाववाचक संज्ञा बनाना | |
| १०. विशेषण बनाना | |

Section – B (40 Marks)

साहित्य –

१. नीति के दोहे दोहे

२. ईदगाह कहानी
३. आत्मविश्वास कहानी

व्याकरण-

१. उपसर्ग - परिभाषा, भेद, उदाहरण, उपसर्ग से नए शब्द बनाना
२. काल - परिभाषा, भेद, उदाहरण
३. क्रिया - परिभाषा, भेद, उदाहरण
४. क्रिया-विशेषण - परिभाषा, भेद, उदाहरण

तृतीय पत्र – (100 अंक)

- सुलेख - 10 अंक
अनुच्छेद लेखन - 10 अंक
वर्तनी - 10 अंक
शब्दार्थ - 10 अंक
हिंदी वाकपटुता - 60 अंक

परियोजना कार्य (Project Work)

१. वर्तमान समाज एवं दूरदर्शन

3rd Term – Section – A (40 Marks)

साहित्य – अंकुश हिंदी पाठमाला भाग – 7

व्याकरण – आओ व्याकरण सीखें

भाषा –

१. निबंध - व्यायाम का महत्व, विज्ञान के चमत्कार, दीपावली, वर्षा ऋतु। इसी के अनुरूप अन्य निबंध।
२. चित्र लेखन
३. पत्र लेखन (क) औपचारिक (ख) अनौपचारिक
४. भाव-ग्रहण
५. व्यावहारिक व्याकरण
१. विलोम - 61-90
२. पर्यायवाची - 41-60
३. वाक्यांश - 48-70

४. अनेकार्थक शब्द - 33-47
५. युग्म शब्द - 31-44
६. मुहावरा - 41-60
७. लोकोक्ति - 21-31
८. तदभव से तत्सम - 29-42
९. भाववाचक संज्ञा बनाना
१०. विशेषण बनाना

Section – B (40 Marks)

साहित्य –

- | | |
|-------------------------|------------------------------|
| १. वह तोड़ती पत्थर | कविता |
| २. मीराबाई | कहानी |
| ३. सुनहरे कल की खोज | आलेख |
| ४. सरदार वल्लभ भाई पटेल | जीवनी |
| ५. ईदगाह | कहानी |
| ६. एक थी गाय | कहानी (1 st Term) |
| ७. हार की जीत | कहानी (2 nd Term) |

व्याकरण –

१. अव्यय - समुच्चयबोधक, संबंधबोधक
२. उपसर्ग - परिभाषा, भेद, उदाहरण । नए शब्द बनाना संरचना के आधार पर इसके रूप ।
३. समास - परिभाषा, भेद, उदाहरण, समस्त पद, समास विग्रह, समास के नाम ।

तृतीय पत्र (100 अंक)

- | | |
|----------------|--------|
| सुलेख | 10 अंक |
| अनुच्छेद लेखन | 10 अंक |
| वर्तनी | 10 अंक |
| शब्दार्थ | 10 अंक |
| हिंदी वाकपटुता | 60 अंक |

MATHEMATICS:-

{PROJECT: - RECOGNITION OF SOLIDS(COMPELETE EXPLANATION OF CUBE, CUBOID, CYLINDER AND CONE} To be included for 2nd Terminal Examination.

-DO THE PROJECT IN THE PHYSICS PRACTICAL FILE

FIRST TERM:-{UNIT TEST CHAPTERS:- FRACTION & INTEGERS}

(1) INTEGERS:- Multiplication & properties of multiplication of integers , division of integers. simplification using BODMAS & Removal of brackets.

(2) FRACTION:- Types of fractions. Fundamental operation including fraction simplification using BODMAS. Word problem involving fractions.

(3) EXPONENTS:- Exponential form of a number. Laws of exponents.

(4) RATIO AND PROPORTION:- Elementary idea, concept of consequent & antecedent. Concept of mean term, fourth proportional term. Word problems.

(5) FUNDAMENTAL CONCEPT OF ALGEBRA:- Ex.11-A,B. Identify terms related to algebra like constants, variables, terms coefficient of terms, like & unlike terms.

(6).LINES AND ANGLES:- Types of angles, complementary angles, supplementary angles. Word problem(concept of angles).Concept of parallel lines, Concept of linear pair ,corresponding angle. Interior alternate angle, exterior alternate angle. Co-interior angle.

Basic construction of angles. Some special construction(bisector of a line segment, perpendicular to a line).

(7) DATA HANDLING:- Tabulation of data. Computation of mean, median, mode.

SECOND TERM :EXAMINATION : 40 MARKS

CCE : 40 MARKS

PROJECT: 20 MARKS

(1)DECIMAL FRACTION:- Terminating& non-terminating decimals. Recurring(repeating) decimals. Fundamental operations of decimals. Rounding-off of decimal numbers.

(2)PERCENT AND PERCENTAGE :- Conversion of fraction in to fraction and vice-versa. Expressing one quantity a percentage of another. Find percentage of given quantity. Word problem.

(3)PROFIT AND LOSS:- (Single transaction only.):- Concept of C.P & S.P, Overhead expenses. Profit and Loss. Word problem based on this.

(4) CONGRUENCY:- Congruency of triangle {SAS, ASA, SSS, & RHS.}

(5) UNITARY METHOD:- (Direct & inverse variation) Basic concepts , time and work.

THIRD TERM :- -

(1) SIMPLE LINEAR EQUATIONS:- (including word problem) solving an equation by transposing terms , solving an equation with the variable on both the sides , Equations involving fractions , Word problems.

(2) TRIANGLE:- Types of triangle, Angle sum property. Problem based on properties of triangle. Construction of triangle [Excluded:- Incircle and circumcircle]

(3) PYTHAGORAS THEOREM:- converse of Pythagoras theorem , problems based on these theorem.

(4) MENSURATION:- Area and perimeter of rectangle , square , circle , triangle.

(5) SIMPLE INTEREST:- Concept and simple word problems.

(6) SET THEORY:- Basic concept , Representation of set. Cardinal number , Equal set, equivalent set , Universal set.

(7) PROBABILITY: An experimental approach , Empirical probability and complementary events.

Chapters included from 1st & 2nd term:- fraction , Ratio & proportion, Exponent, Profit & Loss.

BREAK UP OF THE SYLLABUS: MATHS.(Std. VII): 2021--22

APRIL-MAY:- integers, Fractions, Exponents , Fundamental concepts (11 A,B)

JUNE :- Ratio and Proportion, Lines & angle

JULY:- Data Handling , Demical fraction , Percent and percentage

AUGUST:- First term examination begins from 2nd august.

SEPTEMBER:- Profit and loss , Unitary method and Congruency.

OCTOBER:- The CCE should be completed before 23rd October , Mid semester written Evaluation from 23rd October.

NOVEMBER:- Simple interest, Pythagoras theorem.

DECEMBER:- Triangles , Set Concept.

JANUARY:- Simple Linear equation , Mensuration .

FEBRUARY:- Probablity , Revision.

General Science

April-June -2021

First Term Begins

Physics

i) Motion

1. Rest and Motion
2. Types of Motion
3. Uniform and Non-Uniform Motion (Numerical not included)
4. Weight
5. Average Speed – Formula – Total Distance/Total Time

Chemistry

ii) Changes in the World Around Us

1. Classification of changes with all examples and activity
2. Changes involving energy

June-July 2021

Biology

iii) Tissues

1. New Words
2. Plant Tissues – Meristematic and Permanent tissues
3. Animal Tissues – Epithelial/Muscular/Connective/Neural tissues
4. All diagrams along with location and functions in brief

June – July 2021

Physics

iv) Energy

1. Energy and work
2. Different forms of energy
3. Interconversion of energy
4. Law of interconversion of energy

Chemistry

v) Separation of substances

1. Pure substances – Elements, compounds and mixtures

2. Separation of Mixtures
3. Schematic schemes for separation of various substances

July – August 2021

Biology

vi) Kingdom classification

1. Taxonomy
2. Classification
3. Modes of classification
4. Two kingdom classification
5. Drawbacks of two kingdom classification
6. Five kingdom system of classification – Kingdom Monera/Kingdom Protista/ Kingdom Fungi/ Kingdom Plantae/Kingdom Animalia
7. Two characteristic features and the representative animal

Evaluation

First Unit Test – 20 marks (May-June 2021)

Portion for First Unit Test

1. Motion
2. Changes in the world around us

First Terminal Examination – 80 marks (2nd August 2021 onwards)

Portion for the First Terminal Examinations

1. Motion
2. Changes in the world around us
3. Tissues
4. Energy
5. Separation of substances
6. Kingdom Classification (Upto Drawbacks of Two Kingdom Classification)

September 2021 – Second Term Begins

September – October 2021

Physics

vii) Heat - Heat as a form of energy and its units, joule and calories

- Different units of temperature (degree Celsius, degree Fahrenheit, K)
- Effects of Heat
 - a. Change in temperature
 - b. Change in size
 - c. Change in state
 - d. Good conductors and bad conductors of heat
 - e. Choice of conductors and insulators in everyday life
 - f. Methods of Heat Transfer (conduction, convection and radiation – basic concepts)

g. Hand and sea breeze

Chemistry

viii) Physical and Chemical Changes

- Physical and chemical changes
- Chemical change – formation of a new product with new properties
- Differentiating between physical and chemical change
- Classification as physical and chemical change

23rd October 2021 onwards – 2nd Term Examinations Begin

Project for Second Term – Write the characteristics and features along with the diagram of the representative organism for each phylum of kingdom animalia in a biology practical file

Date of Submission – 1st September, 2021

Portion for 2nd Terminal Examinations

- 1. Kingdom Classification**
- 2. Separation of substances**
- 3. Heat**
- 4. Physical and Chemical changes**

November 2021 – 3rd term begins

November – December 2021

ix) Excretory System

- Organs and their excretory products
- Renal excretory system
- Role of kidneys in filtration of blood through millions of nephrons
- Common disorders of the urinary system
- Artificial kidney

x) Allergy

- Concept of allergy
- Allergies
- Entry route of allergens
- Symptoms of allergic reactions
- Types of allergies – seasonal and perennial with examples
- Precautions and care to be taken by the persons who suffer from allergies

January – February 2022

Physics

xi) Light Energy

- Reflection – Definition with examples
- Terms related to reflections
- Laws of reflection

Chemistry

xii) Atomic Structure

- Concepts of atoms
- Atomic number and mass number

- Elements and compounds
- Dalton's atomic theory
- Chemical symbols
- Significance of symbols

Biology

xiii) Nervous System

- Main parts – Brain, spinal cord and nerves
- Brain – Cerebrum, Cerebellum, Medulla Oblongata
- Spinal Cord
- Nerves

xiv) Photosynthesis

- Definition
- Basic Process
- Factors effecting photosynthesis
- Significance of photosynthesis
- Experiment to demonstrate chlorophyll is necessary for photosynthesis

Portion for final term examination

- Changes in the world around us
- Tissues
- Energy
- Heat
- Physical and chemical changes
- Separation of substances
- Excretory System
- Allergy
- Light energy
- Atomic structure
- Nervous System
- Photosynthesis

HISTORY & CIVICS

NAME OF THE BOOK- FRANK - EMU BOOKS ICSE EDITION

MIDDLE SCHOOL HISTORY & CIVICS -7

April – Warm – up Activity	} 1 st Term
April - The Foundation of Delhi Sultanate	} 1 ST Term
April – The Constitution of India	} 1 st Term
June-The Tughlaqs , Sayyids and Lodis	} 1 st Term
July-India Under the Delhi Sultanate	} 1 st Term

August- Revision

August 2nd – 1st Terminal Examination

September – Beginning of Mughal Rule in India } 2nd Term

October – Akbar The Great (1/2 Chapter)(Rajput Policy) } 2nd Term

October 23rd Mid Semester Written Evaluation

November-Akbar The Great (1/2 Chapter) (Religious Policy) } 3rd Term

November- The Later Mughals -Shah Jahan –(Architecture)Aurangzeb } 3rd Term

December – Making of Composite Culture – Bhakti and Sufi Movement} 3rd Term

January – The Fundamental Rights and Duties } 3rd Term

- The Directive Principles Of State Policy } 3rd Term

FEBRUARY – REVISION

History Project- Art & Architecture Under The Delhi Sultanate

Submission : After the Summer Vacation. (28th June.)

GEOGRAPHY

FIRST TERM

CHAPTER 1: TOPOGRAPHICAL MAPS (APRIL, JUNE)

- Introduction Topographical maps.(2cm=1km;R.F=1:50000)
- Measuring distance with scale (Twine method, Divider method).
- Conventional Signs and Symbols.
- Contours (Definition and Importance).
- Colour Symbols.
- Conventional signs.(SL No:1 to16 and 17 to 31 and 34) (omit12 and 22)

CHAPTER 4: ELEMENTS OF WEATHER (JUNE, JULY)

- Definition and difference between weather and climate.
- Temperature and factors affecting temperature.
- Heat zones of the Earth.
- Types of Heating.
- Atmospheric Pressure and factors affecting.
- Pressure Belts and Permanent Winds.
- Precipitation and its types.
- Types of Rainfall.

CHAPTER 5: RECORDING OF WEATHER (JULY)

- Temperature, Atmospheric pressure, Winds, Rain.
- Isotherms, Isohyets, Isobars.

UNIT TEST: Chapter 1-TOPOGRAPHICAL MAPS

SECOND TERM

CHAPTER 2: ATMOSPHERE (AUGUST)

CHAPTER 3: GREEN HOUSE EFFECT (AUGUST)

CHAPTER 14: OCEANIA (SEPTEMBER+OCTOBER)

- Australia: Location and physical features.
- Map work: Location and relief map 1 of Australia.

PROJECT WORK: Weather records- Maintaining and interpreting weather records as found in the newspapers for 4 months (May, June, July, and August)

THIRD TERM

CHAPTER 14: OCEANIA (NOVEMBER)

- New Zealand: Location and Physical Features.

CHAPTER 6: WEATHERING AND SOIL FORMATION. (DECEMBER+ JANUARY)

- Weathering and Soil Formation.
- Rocks and its types, Importance of Rocks, Weathering and its Types, Effects of Weathering.

COMPUTER

APRIL – JUNE: (1) OPERATING SYSTEM

JUNE : (2) INTRODUCTION TO C++

JUNE – JULY : (3) MULTIMEDIA

(4) PROGRAMS USING USER-INPUT.

JULY – AUG. : (5) COMPUTER VIRUSES

AUG. – SEPT. : (6) USING <math.h>

SEPT. – OCT. : (7) INTRODUCTION TO SPREADSHEETS

OCT. – NOV. : (8) ADVANVED FEATURES OF MS-EXCEL

NOV. – DEC. : (9) COMPUTER ETHICS & SAFETY MEASURES

DEC. – JAN. : (10) DECISION-MAKING IN C++

JAN. – FEB. : (11) INTRODUCTION TO DATABASE

PROJECT : *PROGRAMMING IN C++ [10 C++ PROGRAMS]*
