

# St. Xavier's School, Doranda, Ranchi

## Session – 2023-24

### Class - VII

### ENGLISH LANGUAGE

#### **First Term**

- |  |       |
|--|-------|
| 1. Kinds of Sentences (assertive, exclamatory, imperative and Interrogative) | April |
| 2. Verbs (transitive and Intransitive)                                       | April |
| <b>1<sup>st</sup> Unit Test : Chapter 1,2,3 &amp; 4</b>                      |       |
| 3. Verbs of incomplete Predication   | May   |
| 4. Direct and Indirect Object  | May   |
| 5. Preposition   | June  |
| 6. Phrasal Verbs   | June  |
| 7. Voice (Active and passive)  | July  |
| 8. Adverbs   | July  |
| 9. Essay Writing (Descriptive and Narrative)                                 | July  |
| 10. Letter (informal)  | Aug   |
| 11. Comprehension  | Aug   |
| 12. Notice writing   | Aug   |

#### **Revision**

**Aug –(Sep 1st week)**

**First term Examination- All the chapters taught in the first term. (Sep)**

#### Final term

- |  |     |
|--|-----|
| 13. Verbs (Finite/Non Finite)                                    | Oct |
| 14. Tenses   | Nov |
| 15. Analysis of the simple sentences                             | Nov |
| 16. Subject verb Agreement                                       | Dec |
| <b>2<sup>nd</sup> Unit Test : i. Verbs (Finite /Non Finite )</b> |     |
| <b>ii. Tenses</b>  |     |
| 17. Adjectives Degrees of comparison                             | Jan |
| 18. Direct and Indirect Narration                                | Jan |
| 19. Proverbs   | Jan |
| 20. Letter Writing (Formal)                                      | Feb |

#### **Revision**

**Feb (2<sup>nd</sup> week)**

**Final Term-** Entire Syllabus taught from April to February

**Project:** Phrasal Verb with special emphasis on the following:

- i. Definition of Phrasal Verbs
- ii. Examples of Phrasal Verbs

iii. Write all the expected Phrasal Verbs of the given verbs and make sentences using them.

1. Bear
2. Get
3. Look
4. Take
5. Put

6. Cut
7. Call
8. Break
9. Give
10. Pass

**Date of submission: 14<sup>th</sup> July 2023**

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## **English Literature**

### **First Term**

- |                          |       |
|--------------------------|-------|
| 1. The Eyes Have it      | April |
| 2. When Wishes Come True | April |

#### **1<sup>st</sup> Unit Test : The Eyes have it**

**When wishes come true**

- |                        |           |
|------------------------|-----------|
| 3. Nine Gold Medals    | May       |
| 4. Madam Rides the Bus | June      |
| 5. Figures of Speech   | July      |
| 6. Polar Preet         | August    |
| 7. Count That Day Lost | August    |
| 8. Sinbad the Sailor's | September |

Third Voyage

### **Revision**

**First term Examination- All the chapters taught in the first term. (April to September)**

### **Final term**

- |   |          |
|---|----------|
| 9. The mystery of the missing ring.     | October  |
| 10. Stars                               | October  |
| 11. The Solitary Reaper                 | November |
| 12. Rip and the Convict                 | December |
| 13. If                                  | January  |
| 14. Drunken Stupor                      | January  |
| 15. The Adventures of the Beryl Coronet | February |

#### **2<sup>nd</sup> Unit Test: The mystery of the missing ring**

**Stars**

### **Revision**


**Feb (2<sup>nd</sup> week)**

**Final Term-** All the chapters of the Final Term and Figures of Speech from the First Term.

**Project:** Life History of Rudyard Kipling with analysis of any one of his poems except 'IF'.

**Date of submission: 14<sup>th</sup> July 2023.**

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**SUBJECT: HINDI**

First Term

**SECTION A ( 40 Marks)**

भाषा -व्याकरण – ‘ सार्थक’

1. निबंध - अनुशासन, बसंत ऋतु, सरहुल, परोपकार
2. चित्र लेखन
3. पत्र लेखन – क) औपचारिक ख) अनौपचारिक
4. भाव ग्रहण
5. व्यावहारिक व्याकरण ( इसके अतिरिक्त पाठ मेधा में आए व्यावहारिक व्याकरण भी संलग्न )

- |  |                                     |
|--|-------------------------------------|
| 1. विलोम   | अंधकार - तरल                        |
| 2. पर्यायवाची  | अंधकार - हाथ                        |
| 3. वाक्यांश  | 1 -11, - 1- 15 (page – 82)          |
| 4. युग्म शब्द  | 1 – 10, - 1- 5 ( उपर्युक्त – ग्रह ) |
| 5. अनेकार्थी शब्द  | 1 – 10, 1 - 5                       |
| 6. मुहावरा   | 1 – 20                              |
| 7. लोकोक्ति  | 1 – 10                              |
| 8. तदभव से तत्सम   | सम्पूर्ण                            |
| 9. जातिवाचक संज्ञा शब्द तथा संज्ञा से सर्वनाम, विशेषण, क्रिया, अव्यय   page –97 98 ) |                                     |

**SECTION B ( 40 MARKS)**

साहित्य ‘मेधा’

- |                    |                |             |                        |
|--------------------|----------------|-------------|------------------------|
| 1. जय भारती        | 2. काबुलीवाला  | 3. पुरस्कार | 4. अन्याय के विरोध में |
| 5. मजदूरी और प्रेम | 6. साहसी पुत्र |             |                        |

व्याकरण

1. संधि -परिभाषा, भेद, उदाहरण, संधि विच्छेद
2. काल -परिभाषा, भेद, उदाहरण

Unit Test

- 1 जय भारती
2. काबुलीवाला



3. पत्र प्रारूप (औपचारिक, अनौपचारिक)

व्यावहारिक व्याकरण

विलोम	अंधकार – जीवन	1 – 33
2. पर्यायवाची	अंधकार - हाथ	1- 25

परियोजना कार्य – जीवन में शिक्षा का उद्देश्य (14/07/23)

Final Examination

Section A ( 40 Marks)

भाषा

1. निबंध – परिश्रम, योग, दुर्गापूजा, हमारा विद्यालय
2. पत्र लेखन (औपचारिक पत्र , अनौपचारिक पत्र)
3. भाव ग्रहण
4. चित्र लेखन
5. व्यावहारिक व्याकरण
  1. विलोम तरल – ज्ञात
  2. पर्यायवाची शब्द अम्बर – हाथी
  3. वाक्यांश 12-22, 16-30
  4. युग्म शब्द 6 - 20 (ज़रा – मैं )
  5. मुहावरा 21 – 40
  6. अनेकार्थी शब्द 6 – 20 (गुरु – हार)
  7. लोकोक्ति 11 – 20
  8. तदभव से तत्सम (सम्पूर्ण)

SECTION B (40 MARKS)

साहित्य 'मेघ'

1. घीसा
2. हिम्मत और जिन्दगी
3. वीर बालक (कविता)
4. काजीरंगा राष्ट्रीय उद्यान
5. साहसी पुत्र

## व्याकरण

1. क्रिया विशेषण -परिभाषा, भेद, उदाहरण
2. उपसर्ग – परिभाषा, भेद, उदाहरण, एवं नए शब्दों का निर्माण
3. संज्ञा – परिभाषा, भेद तथा भाववाचक संज्ञा बनाना

## Unit Test

1. घीसा
2. वीर बालक (कविता)
3. विलोम शब्द                      तरल – ज्ञात
4. युग्म शब्द                      उपयुक्त – मातृ



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## MATHEMATICS

{PROJECT: Plane Figure :-[ Triangle, rectangles, square, Parallelograms, rhombus & Circles]}

### FIRST TERM:-{UNIT TEST CHAPTERS:- FRACTION & INTEGER }

- (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.13-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. Using compass and ruler.  
(bisector of a line segment, perpendicular to a line).
- (7) DATA HANDLING:- Tabulation of data. Computation of mean, median, mode.
- (8) DECIMAL FRACTION:- Terminating& non-terminating decimals. Recurring(repeating)  
decimals. Fundamental operations of decimals. Rounding-off of decimal numbers.



(9) PERCENT AND PERCENTAGE:- Conversion of fraction or decimal fractions into percent and vice-versa. Expressing one quantity a percentage of another. Find percentage of given quantity. [Word problems].

(10) PROFIT AND LOSS:- (Single transaction only):- Concept of C.P & S.P, Overhead expenses. Word problem based on this. [Excluding discount]

**FINAL TERM:-[ 2nd Unit test :- Simple Linear equations & congruency]**

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

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

(3) FUNDAMENTAL CONCEPTS IN ALGEBRA. [13 C,D,E,F]

(4) 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.

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

(6) PYTHAGORAS THEOREM:- Pythagoras theorem , problems based on these theorem.

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

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

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

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

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**MONTHLY BREAK UP OF THE SYLLABUS: MATHS- 2023--24**

**APRIL:-** integers, Fractions

**MAY :-** Exponents, Ratio and Proportion,

**JUNE:** Ratio and proportion (continued), Fundamental concepts in Algebra  
[Ex:-13A, 13B],

**JULY:** Line and angles, Data Handling, Demical fraction.

**AUGUST:-** Percent and percentage, Profit and loss .[ Excluding discount]

**SEPTEMBER:-** Revision

**October:-** Congruency and Unitary method

**NOVEMBER:-** Fundamental concepts in Algebra [Ex:-13 C,D,E,F], simple Linear equations.  
[Including word problem]

**DECEMBER:-** Triangles , Pythagoras theorem.  
**JANUARY:-** Mensuration and Simple interest.  
**FEBRUARY:-** Set concepts, Probability & Revision.

  
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**GENERAL SCIENCE**

**MID TERM:-**

1ST UNIT TEST- 19<sup>th</sup> JUNE 2023

MID TERM EXAM- 9th SEPTEMBER 2023

**FINAL TERM:-**

2ND UNIT TEST-18th DECEMBER 2023

FINAL TERM EXAM- 22nd FEBRUARY 2024

**FIRST TERM:-**

**APRIL 2023**

1. LANGUAGE OF CHEMISTRY
2. MOTION (NUMERICALS NOT INCLUDED; ONLY THE FORMULA FOR AVERAGE SPEED)

**MAY 2023**

3. TISSUES

**\*PORTION FOR FIRST UNIT TEST- LANGUAGE OF CHEMISTRY.**

**JUNE 2023**

4. PHYSICAL AND CHEMICAL CHANGES.

**JULY 2023**

5. ENERGY
6. KINGDOM CLASSIFICATION

**AUGUST 2023**

7. METALS AND NON METALS
8. HEAT

**SEPTEMBER 2023**

9. PLANT LIFE (RESPIRATION IN PLANTS)

**\*PORTION FOR MID TERM EXAM:-**

- i. LANGUAGE OF CHEMISTRY
- ii. MOTION
- iii. TISSUES



iv. PHYSICAL AND CHEMICAL CHANGES

v. ENERGY

vi. KINGDOM CLASSIFICATION

vii. METALS AND NON METALS

viii. HEAT

**FINAL TERM :-**

**OCTOBER 2023**

10. ATOMIC STRUCTURE

**NOVEMBER 2023**

11. ELECTRICITY AND MAGNETISM

12. HUMAN BODY- EXCRETORY SYSTEM/ NERVOUS SYSTEM

**\*PORTION FOR 2ND UNIT TEST:**

i. ATOMIC STRUCTURE

ii. ELECTRICITY AND MAGNETISM

**DECEMBER 2023**

13. PLANT LIFE (PHOTOSYNTHESIS)

**JANUARY 2023**

14. SOUND

15. HEALTH AND HYGIENE

16. ELEMENTS, COMPOUNDS AND MIXTURES

**\*PORTION FOR THE FINAL TERM EXAMINATION:-**

i. TISSUES

ii. METALS AND NON METALS

iii. ATOMIC STRUCTURE

iv. ELECTRICITY AND MAGNETISM

v. HUMAN BODY

vi. PLANT LIFE


vii. SOUND

viii. HEALTH AND HYGIENE

ix. ELEMENTS, COMPOUNDS AND MIXTURES.

**PROJECT: AIR AND ATMOSPHERE (Group Presentation)**

**DATE OF SUBMISSION: 14TH JULY 2023**

  
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# GEOGRAPHY

## FIRST TERM

### I. REPRESENTATION OF GEOGRAPHICAL FEATURES (APRIL+MAY)

- Introduction- Topographical Maps
- Arbitrary Grid System
- Uses of colours on Toposheet
- Scale- Statement, Linear and Representative Fraction. Conversion of Statement to R.F and vice versa.
- Measuring distance- Along a straight line (Ruler and Divider Method) and Curved Line (Twine Method)
- Updated Conventional signs and Symbols.

### II. ATMOSPHERE (MAY +JUNE)

- Composition of Atmosphere.
- Structure of Atmosphere.
- Importance of Atmosphere.
- Green House Effect.
- Global Warming and its Impact.
- Measures taken to control Global Warming.
- Ozone Depletion.
- Preventive Measures

## 1<sup>ST</sup> UNIT TEST- REPRESENTATION OF GEOGRAPHICAL FEATURES PROJECT WORK- SOIL AND ITS CONSERVATION

### III. WEATHER AND CLIMATE (JULY + AUGUST)

- Difference between Weather and Climate.
- Air temperature.
- Heating of Atmosphere.
- Distribution of Temperature.
- Atmospheric Pressure.
- Distribution of Atmospheric Pressure.
- Winds and Types- Planetary, Periodic, and Local Winds.
- Humidity- Absolute and Relative.
- Condensation- Dew
- Precipitation- Forms of Precipitation- Rain, Drizzle, Hail, Snow; Rainfall and types (Orographic, conventional and Frontal).

### IV. WEATHER INSTRUMENTS (AUGUST)

- Thermometer- Six's Maximum and Minimum thermometer and Thermograph. Isotherms
- Barometer- Aneroid and barograph, Isobars.
- Anemometer- Anemograph.
- Hygrometer- Wet and Dry Thermometer, Hygrograph. Rain Gauge, Isohyets

## FINAL TERM

### V. WEATHERING AND SOIL FORMATION (OCT+NOV)

- Rocks and types- Igneous, Sedimentary and Metamorphic.
- Igneous, Sedimentary and Metamorphic Rocks- Types and Characteristics.
- Uses of rocks and Minerals.
- Weathering and factors affecting it.
- Types of Weathering- Mechanical, Chemical and Biological.
- Effects of Weathering.
- Soil and its Formation.
- Soil Profile.
- Soil Erosion and Conservation.

## 2<sup>nd</sup> UNIT TEST- WEATHERING AND SOIL FORMATION.

### VI. INDUSTRIES (NOVEMBER)

- Need for Industries.
- Types of Industries- On basis of size, raw materials and ownership.
- Factors related to establishment of an Industry.
- Industrial Pollution- Causes and Prevention.

### VII. ENERGY AND POWER RESOURCES (DECEMBER)


- Types- Renewable and Non- Renewable.
- Renewable resources- Solar power, Wind Power, Hydropower.
- Non- Renewable Resources- Coal, Petroleum (Limitation, Conservation)

### VIII. EUROPE: LOCATION AND PHYSICAL FEATURES. (JANUARY)

- Location and Extent.
- Physical Features- Northern Highlands, The Northern European Plains, The Central Upland, The Alpine Mountain System.
- Water Bodies- Rivers, lakes.

### I. MAP WORK (JANUARY)

Location map of Europe.

  
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## HISTORY & CIVICS

### First Term

- |                                      |       |
|--------------------------------------|-------|
| 1. The Foundation of Delhi Sultanate | April |
| 2. The Constitution of India         | April |
| 3. The Tughlaqs, Sayyids and Lodhis. | May   |

### Unit Test- i. The Foundation of Delhi Sultanate

- |                                      |                   |
|--------------------------------------|-------------------|
| 3- The Tughlaqs, Sayyids and Lodhis. | June ( Continued) |
| 4- India Under Delhi Sultanate       | July              |
| 5- Fundamentals Rights & Duties.     | Aug               |

**Revision for the First Term Examination :**

**First term : All the above mentioned chapters.**

**Final Term**

- |   |          |
|---|----------|
| 6- Beginning of Mughal Rule in India.                       | Oct      |
| 7- Akbar the Great: A Case Study.                           | Nov      |
| 8- The Later Mughals.                                       | Nov      |
| 9- Directive Principles of State Policy                     | December |
| 10- Making of Composite Culture – Bhakti and Sufi Movement. | January  |

**2<sup>nd</sup> Unit Test December**

**i. Akbar the Great- A Case Study**

**Revision for the Final Examinations January (3<sup>rd</sup> week onwards)**

**All the chapters taught in the Final term + The Constitution of India**

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**Project Topic :-** Project on The Bhakti and Sufi Movement with special emphasis on the following:

1. Kabir ( Early Life and Contribution)
2. Mirabai ( Early Life and Contribution)
3. Syed Muhammad MoinuddinChishti ( Early Life and Contribution)

**Date of submission – 14<sup>th</sup> July 2023**

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**COMPUTER**

<b><u>MID</u></b> <b><u>TERM</u></b>	APRIL	Ch-1 : INTRODUCTION TO OS
	MAY	INTRODUCTION TO C++
	JUNE	C++ CONTINUED
	JULY	Ch-2 : USING FORMULAE and FUNCTIONS IN SPREADSHEETS
	AUGUST	C++ CONTINUED
	SEPTEMBER	REVISION FOR THE MID-TERM
<b>* UNIT-TEST :INTRODUCTION TO OS [Ch-1]</b>		
<b>* PROJECT : OPERATING SYSTEMS</b>		
<b><u>FINAL</u></b> <b><u>TERM</u></b>	SEPTEMBER	Ch-3 : ARRANGING and CHARTING DATA IN SPREADSHEETS
	OCTOBER	USING <math.h>
	NOVEMBER	Ch-7 : DEVELOPING APPLICATIONS
	DECEMBER	DECISION MAKING IN C++
	JANUARY	Ch-8 : USING NETWORKS



	FEBRUARY	REVISION FOR THE FINAL-TERM
* UNIT-TEST : C++ PROGRAMMING		The Principal
PROJECT-TOPIC : OPERATING SYSTEM		ST. XAVIER'S SCHOOL P.O. DORANDA, P. BOX - 16 RANCHI - 834 002, JHARKHAND

## GENERAL KNOWLEDGE

Book -Competent General Knowledge Times

### First Term

- |                                       |                             |
|---------------------------------------|-----------------------------|
| 1. Sunlight Therapy                   | 13. Thinking Skills         |
| 2. Basics Of Our Body                 | 14. Women Scientist         |
| 3. Best Shopping Streets In The World | 15. Plants That Kill        |
| 4. Action-Reaction                    | 16. Renowned Astronauts     |
| 5. Rare Disorders                     | 17. Imaginary Beasts        |
| 6. Animal Safari                      | 18. Similies                |
| 7. Tech Pioneers                      | 19. Martial Arts India      |
| 8. Book's Authors                     | 20. Heritage Sites Of India |
| 9. Theme Park                         | 21. Forever Young           |
| 10. Giant Statues                     | 22. 'Man Everywhere'        |
| 11. Rags to Riches                    | 23. Famous Personalities    |
| 12. Great Architects                  |                             |

### Second Term

- |  |   |
|--|---|
| 24. Birdy Quiz                         | 35. Patterns                              |
| 25. Ratan Tata; Indian Business Tycoon | 36. Women In Front Cures                  |
| 26. Knowledge Tressure                 | 37. Living Without Water                  |
| 27. What's In A Name                   | 38. Record Holders                        |
| 28. Units Of Measurements              | 39. Futuristic World                      |
| 29. Cheering Plants                    | 40. Greatest Inventions                   |
| 30. Famous Poets                       | 41. Canvas Talk                           |
| 31. Sports Legend                      | 42. Famous Women In Indian History        |
| 32. Deadly Creatures                   | 43. Incredible Laboratories' On The Earth |
| 33. Therapies and Cures                | 44. Kylian Mbappe Lottin                  |
| 34. Discovered Recently                | 45. Amazing Natural Wonders               |

### Extra Content

Current Affairs, Aptitude G.K Times, Post Cards

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