

CLASSVIII (2020-2021)

ENGLISH LANGUAGE

FIRST UNIT TEST(20 Marks)

1. Prepositions
2. Tenses(Revision of Class VII)
3. Direct and Indirect Speech
4. Conjunction
5. Similes from Students' Companion

FIRST TERM(80 Marks)

1. Figures of Speech –
Simile, Metaphor, Personification, Alliteration, Pun, Irony, Euphemism, Climax, Anti climax, Apostrophe, Onomatopoeia
2. Phrases and Clauses
3. Prepositions
4. Tenses
5. Direct and Indirect
6. Conjunctions
7. Composition(350-400 words)
8. Notice
9. Letter Writing(1 Formal +1 Informal)
10. Comprehension
11. One Word For Many(Students' Companion)

SECOND UNIT TEST(20 Marks)

1. Transformation Of Sentences(Simple, Complex, Compound)
2. Prepositions
3. Direct and Indirect Speech
4. One Word For Many(Students' Companion)

FINAL TERM(80 Marks)

1. Active and Passive

2. Proverbs and Figurative Expressions from Students' Companion
3. Agreement of the Verb with the Subject
4. Prepositions
5. Tenses
6. Clauses
7. Transformation Of Sentences
8. Composition
9. Letter
10. Comprehension + Precis
11. Notice
12. Story Writing

ENGLISH LITERATURE

FIRST UNIT TEST(20 Marks)

1. **Tales From Shakespeare**-Merchant Of Venice

FIRST TERM(80 Marks)

1. **PROSE:-** a) After Twenty Years – O. Henry
b)The First Pup-RanjitLal
2. **POEM:-** a) I Remember, I Remember – Thomas Hood
b)The Lake Isle of Innisfree – W.B.Yeats
3. **Tales FromShakespeare**- Merchant Of Venice

SECOND UNIT TEST(20 Marks)

- 1.**Tales From Shakespeare**-Julius Caesar

FINAL TERM(80 Marks)

1. **Prose :-**a) India's Heroes
b) Harry Potter Learns Quidditch
2. **Poem :-**a) Lines written in Early Spring – William Wordsworth
b) Inchape Rock-Robert Southley
3. **Tales FromShakespeare** –Macbeth

HINDI

HINDI

Books - Paper-I VYAKARAN SAMVAD (OXFORD)

SARAS HINDI VYAKARAN

Paper-II PRATIBHA 8 (CORDOVA)

Half yearly examination:

Book- प्रतिभा (literature)

- आज तिरंगा फहराता है (कविता)
- तीन सवाल (अनुदित कहानी)
- मिस्त्र की यात्रा (पत्र)
- निरर्थक जोखिम (प्रेरक कहानी)
- हंस रही ऊषा (कविता)
- कलिंग विजय (ऐतिहासिक नाटक)
- घीसा (संस्मरण)

Book- व्याकरण संवाद (grammar)

- निबंध लेखन
- पत्र लेखन (औपचारिक - अनौपचारिक)
- अपठित गद्यांश
- निर्देशानुसार वाक्य परिवर्तन
- विज्ञापन लेखन
- विलोम शब्द
- पर्यावाची शब्द
- अनेक शब्दों के लिए एक शब्द
- भाववाचक संज्ञा
- विशेषण
- तत्सम - तत्त्व
- मुहावरे

- नोटिस लेखन

FINAL TERM

Book-प्रतिभा (literature)

- अकबरी लोटा (हास्य कथा)
- कर्मवीर (कविता)
- प्रदूषित हवा हर साँस में (पर्यावरण पर लेख)
- वीर अभिमन्यु (एकांकी)
- जादुई कालीन (संवाद)
- सभ्यता का रहस्य (शिक्षापद कहानी)
- सतर्कतत्य (कविता)

Book-व्याकरण संवाद (grammar)

- निबंध लेखन
- पत्र लेखन (औपचारिक- अनौपचारिक)
- अपठितगद्यांश
- निर्देशानुसार वाक्य परिवर्तन
- डायरी लेखन
- विलोम शब्द
- पर्यावाची शब्द
- अनेक शब्दों के लिए एक शब्द
- भाववाचक संज्ञा
- विशेषण
- उपसर्ग-प्रत्यय
- मुहावरे

BENGALI

FIRST TERM

গদ্য- তপোবনে দুঃস্বপ্ন, দেবসভায়বেহুলা, তোতাকাহিনী, পশ্চিমবঙ্গের মেলায় মেলায়

পদ্য-রামচন্দ্রের বিলাপ, জীবনভিক্ষা, পলাশীর রণক্ষেত্র

দ্রুতপঠন- মাস্টারমশাই, ছুটি, ভ্রাতৃপ্রেম

ব্যাকরণ- এক কথায় প্রকাশ(উভচর -- ডোমহার -তমোল্ল), বাগধারা(করায়গন্ডায়- ঘরভেদি
বিভীষণ), এক শব্দের ভিন্নঅর্থ প্রয়োগ(ছোট ,কাটা ,তোলা, মন, নাক, গা, ওঠা, করা)

,বাক্যপরিবর্তন- অর্থগত,শুদ্ধঅশুদ্ধ (ব্যক্তি-তড়িদাহত),সমোচ্চারিত(অর্ঘ-
বৈধ),উক্তিপরিবর্তন,সাধুচলিত, প্রত্যয়,উপসর্গ,চিঠি,রচনা,ধারণা

FIRST UNIT (20 MARKS)

গদ্য-তপোবনেদুঃস্বপ্ন, পশ্চিম বঙ্গের মেলায় মেলায়,

পদ্য-রামচন্দ্রেরবিলাপ,

ব্যাকরণ -বাক্যপরিবর্তন- অর্থগত

FINAL TERM

গদ্য- রাজদ্রোহীর সন্ধানে , অপূরকল্পনা , পদ্মানদীরমাঝি ,যাত্রাপথে

পদ্য - বান্ধীকি বন্দনা , বাংলার মুখ আমি দেখিয়াছি , আগামী

দ্রুতপঠন-নীলুর বন্ধু হারুন , পাগলা গণেশ

ব্যাকরণ- এক কথায় প্রকাশ(তালকানা - প্রশংসনীয়),বাগধারা(ঘোলখাওয়া - দক্ষযোগ্যব্যাপার),
এক শব্দের ভিন্নঅর্থ প্রয়োগ(মুখ, চোখ, কাঁচা,পাকা,ধরা,বুক,হাত , কান ,বড়) ,বাক্যপরিবর্তন-
অর্থগত, গঠনগত

,শুদ্ধ অশুদ্ধ(পক্ষিগণ - নিশ্চয়),সমোচ্চারিত(বসন - বিক্রিত),উক্তিপরিবর্তন,সাধুচলিত,
প্রত্যয়,উপসর্গ,চিঠি,রচনা,ধারণা

SECOND UNIT TEST

গদ্য- যাত্রাপথে, রাজদ্রোহীর সন্ধানে

পদ্য-বান্ধীকি বন্দনা

বাক্যপরিবর্তন- অর্থগত, গঠনগত

HISTORY AND CIVICS

FIRST UNIT TEST(20 MARKS)

HISTORY

1. The Beginning Of The Modern World
2. The Industrial Revolution And The Rise Of Imperialism

HALF YEARLY EXAMINATION (80 MARKS)

HISTORY

1. The Decline Of The Mughal Empire
2. Rise Of Independent Regional Powers
3. Rise Of British Power In Bengal
4. Expansion Of British Power In India
5. British Policies And Their Impacts
6. The Revolt Of 1857

CIVICS

1. The Union Legislature
2. The Union Executive
3. The Judiciary

SECOND UNIT TEST (20 MARKS)

HISTORY

1. The Age of Revolution
2. The American Civil War

FINAL TERM EXAMINATION (80 MARKS)

HISTORY

1. Indian Renaissance – Social and Religious Reformers in India
2. Rise Of Indian Nationalism
3. The Indian National Movement (1885 – 1916)
4. The Indian National Movement (1917 – 1934)
5. The Indian National Movement (1935 – 1947)

CIVICS

1. The United Nations
2. Specialized Agencies Of The U.N.

GEOGRAPHY

FIRST UNIT TEST

1. Representation of Geographical Features
2. Map-Asia

FIRST TERM

1. Representation of Geographical Features
2. Population
3. Migration
4. Urbanisation
5. Study of Continents:Asia
6. Map – Asia

SECOND UNIT TEST

- 1.India :Geogaphical Features
2. Map –India

FINAL TERM

1. India :Geogaphical Features
2. India: Climate , Natural Vegetation and Wildlife
3. India :Human Resources
4. Disasters

5. Map – India

MATHEMATICS

FIRST UNIT

1. Squares and Square Roots
2. Exponents
3. Algebraic Expressions

FIRST TERM

ARITHMETIC

1. Rational Numbers
2. Exponents
3. Square And Square Roots
4. Sets
5. Percent & Percentage
6. Profit , Loss & Discount

ALGEBRA

1. Algebraic Expressions
2. Factorization

GEOMETRY

1. Understanding Shapes

MENSURATION

1. Area Of Trapezium and Polygon

STATISTICS

1. Data Handling(Frequency Polygon Without Histogram)

SECOND UNIT TEST

1. Interest
2. Surface Area, Volume and Capacity
3. Linear Equations in one variable

FINAL TERM

ARITHMETIC

1. Cubes And Cube Roots
2. Interest
3. Direct Variation and Inverse Variation

ALGEBRA

1. Identities
2. Linear Equations In One Variable

GEOMETRY

1. Special Types Of Quadrilaterals
2. Construction

MENSURATION

1. Surface ,Volume& Capacity

STATISTICS

1. Surface ,Volume& Capacity
2. Probability

PHYSICS

FIRST UNIT

1. Matter
2. Physical quantities & Measurement

FIRST TERM

1. Measurements and Experimentation
2. Reflection of Light(A and B part)
3. Matter (Revision)
4. Force and Pressure

SECOND UNIT

1. Heat and Energy
2. Propagation of Sound Waves

ANNUAL EXAMINATION

1. Magnetism
2. Reflection of Light(Full Chapter)
3. Propagation of Sound Waves

Measurements and Experimentation

CHEMISTRY

FIRST UNIT(20 marks)

1. Language of Chemistry

FIRST TERM

1. Matter
2. Elements, compounds and Mixtures
3. Language of Chemistry
4. Physical and Chemical Changes
5. Chemical Reactions

SECOND UNIT(20 marks)

1. Chemical Reactions

FINAL TERM

1. Water
2. Hydrogen
3. Carbon and its Compounds
4. Atomic structure

Revision of all chapters from first and final term

BIOLOGY

FIRST UNIT TEST

1. Transport in plants
2. Ecosystems

HALF YEARLY EXAMINATION

1. Food Production
2. Endocrine System and Adolescence
3. Circulatory System

SECOND UNIT EXAMINATION/TEST

1. Reproduction in Plants
2. Diseases and First Aid

FINAL TERM EXAMINATION

1. Reproduction in Humans
2. Nervous System
3. Diseases and First Aid(Revision)

COMPUTER APPLICATIONS SYLLABUS

CLASS : VIII 2020 – 2021

UNIT TEST – I (20 Marks)

Topic 1 : Operating System System:

Operating System, Functions of Operating , Types of Operating System, user interface and two types, advantages of GUI, disadvantages of GUI, difference between CUI and GUI .

Topic 4 : Program Coding

- **Chapter 5:** programming languages, java, bluej – the java IDE, starting Bluej, creating first project in Bluej, understanding java code, modifying a program using System.out.println() and System.out.print().
- **Chapter 6:** elements of a java program (variables or identifiers, keywords, constants or literals, operators and comments, simple programming using
 - ✓ Declaration statement
 - ✓ Assignment statement
 - ✓ Output statement

TERM I (80 Marks)

Topic 2 : Spreadsheet – Functions and Charts

- **Chapter 2: Functions in Excel**

Cell range, formulas, types of referencing, functions, sorting data, filtering data (Autofilter), removing Filter, adding a worksheet, renaming a worksheet, deleting a worksheet, changing tab color.

- **Chapter 3: Charts in Excel**

Advantages of charts, components of a chart, commonly used charts, creating charts, editing and formatting charts, moving a chart

Topic 3 : Algorithm and flowchart

Definition of Algorithm, rules for writing Algorithm, writing Algorithm

Topic 4: Program Coding

- **Chapter 6:** elements of a java program (variables or identifiers, keywords, constants or literals, operators and comments, simple programming using
 - ✓ Declaration statement
 - ✓ Assignment statement
 - ✓ Output statement
 - ✓ Input statement using Scanner class
 - ✓ Wring programs using Input statement using Scanner class.
- Java expression and evaluation

UNIT TEST – II (20 Marks)

Topic 5: App Development

- **Working with Apps**
What are Apps, how do Apps works, types of Apps, some commonly known Apps.

Topic 4: Program Coding

- **Chapter 6:** elements of a java program (variables or identifiers, keywords, constants or literals, operators and comments, simple programming using
 - ✓ Declaration statement
 - ✓ Assignment statement
 - ✓ Output statement
 - ✓ Input statement using Scanner class
 - ✓ Wring programs using Input statement using Scanner class.
- Unary operator and simple evaluation
- **Chapter 7**
Control statement, selection statement (if (), if ()-else(), if ()-elseif().....else. using them in java programs.

FINAL TERM (80 Marks)

Topic 4: Program Coding

- **Chapter 6:** elements of a java program (variables or identifiers, keywords, constants or literals, operators and comments, simple programming using
 - ✓ Declaration statement
 - ✓ Assignment statement

- ✓ Output statement
- ✓ Input statement using Scanner class
- ✓ Writing programs using Input statement using Scanner class.
- Unary operator and simple evaluation
- **Chapter 7**
 - Control statements
 - ✓ Selection statement (if (), if ()-else(), if ()-else if ().....else. using them in java programs
 - ✓ Looping state statement- for () loop in java programs

Topic 6: Networks

Chapter 9: Computer Network, advantages of networking, application of networking, types of computer network, important terms related to internet, networking devices, protocols, internet and intranet.

Chapter 10: what is cloud computer? Advantages of cloud computing, Disadvantages of cloud computing, types of cloud computing.

Distribution of Marks

Written Paper (80 Marks => Theory 40 marks + Coding 10X4 =40 marks) a. Objective Questions (One Word, MCQ, Filling in the blank – 1X15= 15 Marks) b. Short Answers (2 Marks each X 3 = 6 Marks) c. Calculations and Evaluation and Solution to Expressions according to the rules of the Programming Language (2X3 =6 Marks) d. Rewriting expressions / statements as per the Syntax of the Programming Language (4 Marks) e. Debugging a Code-Snippet (3 Marks) f. Finding Output of a given code (3X2=6 Marks) g. Program Coding (10X4=40 Marks) 2. Unit Test (20 Marks =>

