

CLASSVIII

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+Precis
11. One Word For Many(Students' Companion)

SECOND UNIT TEST(20 Marks)

1. Transformation Of Sentences(Simple-Complex, Simple-Compound And Vice-Versa)
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

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-Ranjit Lal
2. **POEM:-** a) I Remember, I Remember – Thomas Hood
b)The Lake Isle of Innisfree – W.B.Yeats
3. **Tales From Shakespeare**- King Lear

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 Southey
3. **Tales From Shakespeare** –Macbeth

HINDI

Half yearly

Book- प्रतिभा (literature)

- आज तिरंगा फेहराता है (कविता)
- तीन सवाल(अनुदित कहानी)
- मिस्त्र की यात्रा(पत्र)
- निरर्थक जोखिम(प्रेरक कहानी)
- हंस रही उषा(कविता)
- कलिंगा बिजय(ऐतिहासिक नाटक)
- हिंसा (संस्मरण)

Book-व्याकरणसंवाद (grammar)

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

FINAL TERM

Book-प्रतिभा(literature)

- अकबरी लोटा(हास्य कथा)
- करमवीर(कविता)
- प्रदूषित हवा हर साँस में(पर्यावरण पर लेख)

- वीर अभिमन्यु(एकांकी)
- जादुई कालीन(संवाद)
- सभ्यता का रहस्य(शिक्षापद कहानी)
- रातकर्ताय(कविता)

Book-व्याकरणसंवाद (grammar)

- निबंध लेखन
- पत्र लेखन(औपचारिक- अनौपचारिक)
- निर्देश अनुसार वाक्या परिवर्तन
- डायरी लेखन
- विलोम सब्द
- पर्यावाची सब्द
- अनेक सब्दो के लिए एक सब्द
- भाववाचक संज्ञा
- विशेषण
- उपसर्ग-प्रत्यय
- मुहावरे
- अपठित गद्यांश
- रिपोर्ट
- प्रतिवेदन लेखन

BENGALI

FIRST TERM

गद्य- तपोबने दुखलु, देवसभाय बेहुला, तोताकाहिनी, पश्चिमबङ्गेर मेलाय मेलाय

पद्य –रामचन्द्रेर विलाप, जीवन् भिक्षा, पलाशीर रणक्षेत्र

द्रुतपठन- मास्टरमशाय, छुटि, ब्रातृप्रेम

ব্যাকরণ- এক কথায় প্রকাশ(উভচর- ডোমহার -তমোয়), বাগধারা (করায় গভায়- ঘরভেদি
বিভীষণ), একশব্দের ভিন্নঅর্থ প্রয়োগ(ছেট ,কাটা ,তোলা, মন, নাক, গা, ওঠা, করা) ,বাক্য
পরিবর্তন- অর্থগত , শুদ্ধঅশুদ্ধ

(ব্যক্তি-তড়িদাহত), সমোচ্চারিত(অর্ঘ-বৈধ), উক্তি পরিবর্তন, সাধুচলিত, প্রত্যয়, উপসর্গ, চিঠি,
রচনা, ধারণা

FIRST UNIT (20 MARKS)

তপোবনে দুঃস্বপ্ন, পশ্চিমবঙ্গের মেলায় মেলায়, রামচন্দ্রের বিলাপ, বাক্য পরিবর্তন- অর্থগত

FINAL TERM

গদ্য- রাজদ্রোহীর সন্ধানে , অপূর কল্পনা , পদ্মানদীর মাঝি , যাত্রাপথে

পদ্য - বাল্মীকি বন্দনা , বাংলার মুখ আমি দেখিয়াছি , আগামী

দ্রুতপঠন – নীলুর বন্ধু হারুন , পাগলা গণেশ , মধু মাস্টার

ব্যাকরণ- এক কথায় প্রকাশ(তালকানা - প্রশংসনীয়), বাগধারা(ঘোল খাওয়া - দক্ষযোগ্য ব্যাপার),
একশব্দের ভিন্নঅর্থ প্রয়োগ(মুখ, চোখ, কাঁচা, পাকা, ধরা, বুক, হাত , কান , বড়) , বাক্য পরিবর্তন-
অর্থগত, শুদ্ধ অশুদ্ধ (পক্ষিগণ - নিশ্চয়) , সমোচ্চারিত(বসন - বিক্রিত) , উক্তি পরিবর্তন, সাধু চলিত
, প্রত্যয়, উপসর্গ, চিঠি, রচনা, ধারণা

UNIT TEST

গদ্য- যাত্রাপথে, রাজদ্রোহীর সন্ধানে

পদ্য – বাল্মীকি বন্দনা

Grammar – বাক্য পরিবর্তন- অর্থগত

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(20 Marks)

1. Understanding geography – reading maps
2. Map-Asia

FIRST TERM(80 Marks)

1. Understanding geography – reading maps
2. Population dynamics
3. Migration
4. Urbanised world
5. Asia – physical features
6. Map – Asia

SECOND UNIT TEST(20 Marks)

- 1.India – our country
2. Map –India

FINAL TERM(80 Marks)

1. Asia – political divisions and demography
2. Human resource development
3. India – our country
4. India and its neighbouring countries
5. Disaster management with case studies
6. Map – India

MATHEMATICS

FIRST UNIT(20 Marks)

- 1.EXPONENTS(ch 2)
2. Algebraic Expressions (ch 11)

FIRST TERM(80 Marks)

ARITHMETIC

1. Rational Numbers (ch 1)
2. Exponents (ch 2)
3. Square And Square Roots (ch 3)
4. Sets (ch 6)
5. Percent & Percentage (ch 7)
6. Profit , Loss & Discount (ch 8)

ALGEBRA

1. Algebraic Expressions (ch 11)
2. Factorization (Ch 13)

GEOMETRY

2. Understanding Shapes(ch 16)

MENSURATION

1. Area Of Trapezium and Polygon(ch 20)

SECOND UNIT TEST (20 Marks)

1. Interest(ch 9)
2. Identities (ch 12)

FINAL TERM

ARITHMETIC

1. Cubes And Cube Roots(ch 4)
2. Interest(ch 9)
3. Direct Variation and Inverse Variation(ch 10)

ALGEBRA

1. Identities (ch 12)
2. Linear Equations In One Variable (Ch 14)

GEOMETRY

1. Special Types Of Quadrilaterals (Ch 17)
2. Construction (Ch 18)

MENSURATION

1. Surface, Volume & Capacity (Ch 21)

STATISTICS

1. Data Handling (ch 22)
Including Bar Graph and Histogram
2. Probability (ch 23)

PHYSICS

FIRST UNIT(20 Marks)

1. Matter
2. Physical quantities & Measurement

FIRST TERM

1. Measurements and experimentation
2. Reflection of Light(A and B part)
3. Matter (Revision)
4. Heat and Energy

SECOND UNIT

1. Force and Pressure
2. Propagation of sound wave

ANNUAL EXAMINATION

1. Magnetism
2. Current Electricity
3. Propagation of Sound wave(Revision)
4. Measurements and experimentation(Revision)
5. Reflection of Light

CHEMISTRY

FIRST UNIT

1. Matter
2. Elements, compounds and Mixtures
3. 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

1. Water
2. Hydrogen

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. Ecosystem

HALF YEARLY EXAMINATION

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

SECOND UNIT EXAMINATION/TEST

1. Reproduction in Plants

FINAL TERM EXAMINATION

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

COMPUTER-APPLICATIONS / Syllabus / Class : VIII / Session : 2019 – 2020

UNIT TEST - I

Chapter 1 : Operating System And Graphical User Interface

Introduction to Operating System ; Need, Functions, Features and Types of Operating System

Definition and Examples of Single User Operating System ;

Meaning of User Interface and its Types (CUI, GUI) Introduction to GUI and its Advantages.

Chapter 5 : Introduction to Java

Platform Independence of Java ; JRE ; IDE ; BlueJ ; Object Oriented Programming (Only Definition of Object, Class, Simple OOP Features) ; Java Keywords ; Data-Types .

Java Program Coding - Introduction to Program coding/ programming ; Concept & Components of Program

Starting BlueJ & main() ; Compilation- Running & Modifying a Java Program ; Identifiers and their

respective naming rules ; Literals and Data types and the need for different Data- types (like Integer,

real number, String, Primitives and Non- Primitive data types) ; Declaration and initialisations of

variables ; Assignment operator .

TERM - I

Chapter 2 : Spreadsheet- Formula & Functions in Ms-Excel 2013

Method to enter formulae ; Meaning of Range, Selecting Range ; Naming a Range ; Cell Referencing and its Types (Relative, Absolute, Mixed- with Scanning, Renaming and Deleting a Sheet from Sheet Tab) ; Meaning of Functions ; Rules to enter a Function like Sum, Average, Max, Min, count, etc.

Chapter 4 : Algorithms And Flowcharts

Introduction to algorithm- Definition and Use ; Role and functions ; Characteristics of a good Algorithm ; Steps to develop an algorithm ; Writing algorithms ; Definitions of Flowchart ; Symbols in flowchart ; Solving problems by writing algorithms ; Flow Charts in decision making.

Chapter 5 : Introduction to Java

Literals and Variables in Java ; Declaration and Initialization of a Variable ; Classes and Methods in Java ; Arithmetic Operators in Java ; Precedence of Arithmetic Operators ; Increment and Decrement Operator ; Revision of UNIT - I

Revision of Chapter 1

Java Program Coding

Use of simple Arithmetic operators(+,-,*,/,%) Revision of UNIT – I

Project Assignment 1

UNIT TEST - II

Chapter 3 : Charts in Ms Excel 2013

Components of a Chart ; Types of Charts in Excel ; Creating and Formatting a Chart .

Chapter 5 : Introduction to Java

Relational Operators ; Logical Operators ; Assignment Operator ; Compound Assignment Operator ;

Chapter 6 : App development

Introduction to Apps ; Working of Apps. ; Uses of some commonly used Apps. ; Types of Apps.

(Web or Online or Mobile) ; Development of simple apps(using any free app development software).

Java Program Coding

Concept, use and syntax of **if, if else, if else if** ; Revision of UNIT – I and Term - I

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TERM - II

Chapter 7 : Networks

Network and its Components (Sender, Receiver , Medium) ; Different Types of Network with

example (LAN, MAN, WAN, PAN, CAN); **Meaning of several Terms related to Internet :** Intranet,

URL, ISP, IP address, DNS ,Webpage ; Website , Web Portal , MODEM , Switch , Hub , Router , Gateways , Link , Hyperlink , Hypertext , Band Width ; Definition of protocol (HTTP , FTP , TCP/IP ,

IMAP , SMTP- a brief explanation of each and their purpose) ; Introduction to Cloud Computing ; Its

Characteristics and Advantages ; Storing and sharing data/information using Cloud computing .

Revision of Chapter 5 (UNIT – I , Term - I and Term – II) ***and Chapter 6***

Java Program Coding

Concept, use and syntax of if, if else, if else if else using Logical Operators ; Input through Parameter

Revision of UNIT – I , Term – I and Term - II

Project Assignment 2

Distribution of Marks

- 1. 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* ⇒ 10 Marks Theory + 10 Marks Java Prog. Coding)**

4.

