



ST. THOMAS SCHOOL

Hardag, Ranchi -835221

SYLLABUS

Session : 2026 -27

Class - VIII

Name :

Sec. : Roll No. :



Subject: English Language

Name of the books: 1) A Comprehensive Grammar of Current English (Joseph and Myall)
2) Onward With English - Selina

1st Term

Ch no	Chapter Name	Content
12	Determiners	Articles, Demonstrative, Possessive, Distributives, Quantifiers, Interrogatives, Numerals
21	Tenses and their uses	Uses of tenses
41	Transformation of Sentences I : Changing of Words II : Interchanging of Forms	(A) Removal of Adverb 'Too' (B) Interchange of Degrees of Comparison (C) Interchange of one Part of Speech for another (B) Interchange of Exclamatory and Assertive Sentences (C) Interchange of Interrogative and Assertive Sentences (D) Interchange of Affirmative and Negative Sentences
22	Auxiliaries	Use of special verbs, Be, Have, Do, Shall, Will, Should, Would, Can, Could etc.

(1) Onwards with English Book: Practice Paper 3 to 5

TOPIC	CONTENT
PRACTICE PAPER 3	Grammar and Letter (formal, informal)
PRACTICE PAPER 4	Grammar and Comprehension Passage (Precis to be introduced)
PRACTICE PAPER 5	Grammar and Comprehension Passage

(2) PHRASAL VERBS (From Grammar book): BEAR to DRAW

(3) The Student's Companion book: Synonyms from A to H.

(4) Essay - Descriptive / Narrative

(5) Letter - Formal / Informal

2nd Term

Ch no	Chapter Name	Content
18	The Participle	Uses of present participle, uses of past participle, forms of the participle
19	The Gerund	Uses of gerund, gerund and infinitive, gerund and present participle, forms of gerund

43	Synthesis of Sentences	a) Simple to Simple sentences b) Simple to Compound sentences c) Simple to Complex sentences
26	The Preposition	Position of preposition, kinds of preposition, kinds of relation indicated by preposition, the same preposition with many uses, preposition with different uses, which preposition to use when.

1. Onwards with English Book: Practice Paper 7 to 9

TOPIC	CONTENT
PRACTICE PAPER 7	Grammar and Letter (formal, informal)
PRACTICE PAPER 8	Grammar and Comprehension passage
PRACTICE PAPER 9	Grammar and Essay

(2) PHRASAL VERBS (from Grammar book): FALL to LOOK

(3) The Student's Companion Book: Synonyms from I to P

(4) Essay - Descriptive / Narrative

(5) Letter- Formal / Informal

3rd Term

Ch no	Chapter Name	Content
45	Direct and Indirect speech	Rules for the change of pronouns, rules of the change of tenses, rules for the change of adverbs, change of declarative, interrogative, imperative and exclamatory sentences
15	Active and Passive voice	How passive forms of the verb are formed, when the active verb has two objects, use of active and passive voice
50	Agreement of the Verb with the subject	Whole chapter

(1) Onwards with English Book: Practice Paper 12 to 14

PRACTICE PAPER 12	Grammar and Essay
PRACTICE PAPER 13	Grammar and Letter(formal)
PRACTICE PAPER 14	Grammar and Comprehension

(2) PHRASAL VERBS: MAKE to TURN

(3) The Student's Companion Book: Synonyms from Q to W

(4) Essay - - Descriptive / Narrative

(5) Letter - Formal / Informal

Subject: English Literature

Name of the book - 1. Gem's English Reader-8
2. Tales from Shakespeare Part II

1st Term

Chapter No.	Chapter Name
1	Space Hunt Extraordinaire (Prose)
2	The Blue Carbuncle (Prose)
	The Lake Isle Of Innisfree (Poem)
Tales of Shakespeare	The Merchant of Venice (Chapter 1 to 10)

2nd Term

Chapter No.	Chapter Name
4	The First Pup (Prose)
	I Remember, I Remember (Poem)
5	My Dearest Lizzy (Prose)
Tales of Shakespeare	The Tempest (Chapter 1 To 15)

3rd Term

Chapter No.	Chapter Name
	Milk For The Cat (Poem)
9	Older Than History (Prose)
10	The Nightingale (Prose)
	The Sower (Poem)
Tales of Shakespeare	As You Like it (Chapter 1 to 10)

Subject: Mathematics

Name of the book : Essential ICSE Mathematics - Class VIII

Concise Mathematics - Class IX.

1st Term

Chapter Name.	Chapter Name[From STD-VIII book]
Numbers	Rational Numbers
	Exponents & Powers
	Squares and Square roots.
	Cubes and Cube Roots.
Arithmetic Problems	Percentage
Algebra	Fundamental Concepts
	Fundamental Operations
Geometry	Quadrilaterals
Data Handling	Statistics
	Probability

2nd Term

Chapter Name[From STD-VIII book]	
Sets	Idea of sets
	Operations and Venn Diagram
Arithmetical Problems	Direct & Inverse Variations
	Time & work
	Profit and Loss
	Simple Interest and Compound Interest
Algebra	Special Products & Expansions
	Factorisations
	Linear Equations and In equations
Geometry	Constructions
	Circles
	Three - Dimensional Shapes

	Symmetry: Reflection and Rotation
Mensuration	Area
	Volume and Surface Area

3rd Term

Chapter No.	Chapter Name [From STD-IX book]
1	Rational & Irrational Numbers
4	Expansions
5	Factorisation
9	Triangles (Congruency in Triangles).
12	Pythagoras Theorem (Proof & Simple applications with converse).
19	Area & Perimeter of Plane Figures.
20	Solids: Surface Area & Volume of 3-D Solids.

Subject: Physics

Name of the book : Pinnacle Universal Science Physics

1st Term

Chapter No.	Chapter Name	Content
1	More about matter	1. Random motion of Atoms and molecules 2. Kinetic theory of matter 3. State of matter 4. Change of state.
2	Density	1. Density 2. Density of a solid, liquid and gaseous substance 3. Measurement of Density 4. Relative Density 5. Floatation and sinking. 6. Hygrometer
3	Force and Pressure	1. Force 2. Pressure
4	Work and Energy	1. Energy and work 2. Various forms of energy 3. Laws of conservation of energy 4. Transformation of Energy 5. Power

2nd Term

Chapter No.	Chapter Name	Content
5	Light - Refraction and Reflection	<ol style="list-style-type: none">1. The speed of light2. Optical Density3. Refraction4. Refraction through glass slab, Prism5. Dispersion6. Spherical Mirrors7. Images formed by spherical mirrors8. Uses of mirrors
6	Transfer Of heat	<ol style="list-style-type: none">1. Heat2. Factors effecting rate of evaporation3. Uses of Evaporation4. Thermal Expansion5. Advantages and Disadvantages of Expansion
7	Sound	<ol style="list-style-type: none">1. Propagation of sound in air2. Characteristics of sound waves3. Monotone4. Audible and Inaudible sounds5. Musical sound and Noise

3rd Term

Chapter No.	Chapter Name	Content
8	Electricity	<ol style="list-style-type: none">1. Electricity at home2. Safety Precautions3. Conservation of electricity4. Static electricity5. Laws of conservation of charge6. Methods of charging7. Electroscopes8. Sparking and Lightning
7 (IX)	Reflection Of light	<ol style="list-style-type: none">1. Reflection of light2. Laws of reflection3. Image formation by pair of mirrors4. Spherical mirror and image formation.
6 (IX)	Heat and Energy	<ol style="list-style-type: none">1. Heat2. Thermal expansion3. Anomalous expansion of water4. Energy flow5. Sources of heat.6. Green house effects and global warming.

8 (IX)	Propagation of sound waves	1. Sound and its propagation 2. Infrasonic,sonic and ultrasonics sound.
--------	----------------------------	--

Subject : Chemistry

Name of the book: ICSE CHEMISTRY (VIVA)

1st Term

Chapter No.	Chapter Name	Content
1	Matter	<ul style="list-style-type: none"> • Matter • Kinetic molecular theory of matter • States of matter based on kinetic molecular theory • Properties of states of matter • Change of state of matter • Law of conservation of mass
2	Physical and chemical changes	<ul style="list-style-type: none"> • Changes – A review • Classification of changes • Reversible and irreversible changes • Periodic and non- periodic changes • Desirable and undesirable changes • Slow and fast changes • Natural and man-made changes • Physical and chemical changes • Changes involving energy changes
6	Chemical reactions	<ul style="list-style-type: none"> • Chemical reactions • Types of chemical reactions • Reactivity or activity series of metals • Decomposition reactions to form oxides • Classification of oxides

2nd Term

Chapter No.	Chapter Name	Content
3	Elements, compounds & mixtures	<ul style="list-style-type: none"> • Elements, compound and mixtures- A quick recall. • Pure substances • Mixtures • Separation of mixtures • Combining methods for separating mixtures
4	Atomic structure	<ul style="list-style-type: none"> • Discovery of atomic structure • Dalton's atomic theory

		<ul style="list-style-type: none"> • Sub-Atomic particles and their discovery • Atomic model's • Structural stability of an atom • Atomic number • Mass number • Relative atomic mass • Isotopes • Electronic configuration (1 to 20) • Valency • Chemical bond
5	Language of chemistry	<ul style="list-style-type: none"> • Elements and their symbols • Compounds and their formula • Chemical equations • Balancing a chemical equation • Information gathered from a chemical equation • Limitation of a chemical equation

3rd Term

Chapter No.	Chapter Name	Content
7	Hydrogen	<ul style="list-style-type: none"> • Occurrence of hydrogen • Discovery of hydrogen • Preparation of hydrogen • Properties of hydrogen • Oxidation and reduction • Uses of hydrogen
8	Water	<ul style="list-style-type: none"> • Water • Physical properties of water • Dissolution of salts in water • True solution, Suspension and colloidal solution • Water of crystallization • Chemical properties of water • Hard and soft water
9	Carbon and its compound	<ul style="list-style-type: none"> • Occurrences of carbon • Compounds of carbon • Chemical properties of carbon • Allotropes of carbon • Carbon dioxide • Carbon monoxide

2	Chemical changes and reactions (Class-9 th book)	<ul style="list-style-type: none"> • Define chemical change and characteristics of a chemical change • Characteristics of chemical reactions <ul style="list-style-type: none"> ➤ Evolution of gas ➤ Change of colour ➤ Formation of ppt ➤ Change of state • Types of chemical reactions <ul style="list-style-type: none"> ➤ Direct combination ➤ Decomposition ➤ Displacement ➤ Double displacement • Energy change in chemical reactions
---	--	---

NOTE: - Atomic number and mass number (1 to 20)
 Valency chart
 Chemical names and formula
 Electronic configuration
 Formation of ions
 Some important chemical reactions (From the book pg. no-239)
 THE ABOVE SIX TOPICS ARE INCLUDED IN ALL THE TERMS.

Subject: Biology

Name of the book :

1. A Textbook of Biology -8 (Viva Education)
2. Concise Biology -9 (Selina Publication)

1st Term – (8th Book)

Chapter No.	Chapter Name	Content
1	Transport in plants	<ul style="list-style-type: none"> • Structure and Function of Xylem and Phloem • Modes of Absorption of Water and Nutrients in plant • Transport of Water and Minerals • Transpiration • Nutrients in Plants & Deficiency diseases
2	Plant and Animal Reproduction	<ul style="list-style-type: none"> • Plant Reproduction • Asexual Reproduction
4	Control and Coordination	<ul style="list-style-type: none"> • Endocrine System • Pituitary Glands • Thyroid Glands • Pancreas • Adrenal Glands • Puberty and Body changes • Stress Management • Cardiovascular System

		<ul style="list-style-type: none"> • Structure and Functions of Heart • Blood Transfusion and Blood Group • Blood Pressure • The Lymphatic System • Nervous Control • Structure of Neuron • Message Transmission through Neurons • Nervous System in Humans • Brain and Spinal Cord • Reflex Action
6	Sustainable Farming Practices	<ul style="list-style-type: none"> • Uses of Bacteria in Food Industry • Agriculture • Horticulture • Organic Farming • Animal Husbandry • Pisciculture • Apiculture • Sericulture

2nd Term
(From 9th book)

Chapter No.	Chapter Name	Content
2	Cell : The unit of life	<ul style="list-style-type: none"> • Cell theory • Structure of Plant and animal cell with functions of various cell organelles • Prokaryotic and eukaryotic cell • Differences between plant and animal cell
3	Tissues: Plant and Animal tissues	<ul style="list-style-type: none"> • Types of Plants and Animal Tissues
4	The Flower	<ul style="list-style-type: none"> • Structure of Bisexual Flower • Functions of Various parts • Types of Flowers • Inflorescence and Placentation
5	Pollination and Fertilization	<ul style="list-style-type: none"> • Self and cross Pollination • Agents of pollination • Fertilization • Double Fertilization

3rd Term

Chapter No.	Chapter Name	Content
6	Seed: Structure and Germination	<ul style="list-style-type: none">• Structure of Dicot and Monocot Seeds• Germination of seeds, Types and Conditions for seed germination
15	Hygiene: A key to healthy life	<ul style="list-style-type: none">• Introduction to maintaining good health• Personal, Public hygiene and Sanitation• Modes of transmission of diseases
16	Diseases: Cause and control	<ul style="list-style-type: none">• Communicable, non-Communicable, endemic, pandemic and sporadic diseases• Modes of Transmission• Bacterial, viral, Protozoan, Helminthic diseases (Symptoms and control of the above diseases)
17	Aids to Health	<ul style="list-style-type: none">• Active and Passive immunity• Vaccination, Immunization, Antitoxin, Serum, Antiseptics, Disinfectants and Antibiotics
18	Health Organisations	<ul style="list-style-type: none">• Major activities of Red Cross and WHO

Subject: History & Civics

Name of the book : New Trends on History&Civics (Goyal Brothers)

1st Term

Chapter No.	Chapter Name	Content
Ch – 1	(HISTORY) Period of Transition	Sources of Transition , Renaissance (Factors) , Industrial Revolution (Impacts)
Ch – 2	The Growth of Nationalism (The Age of Revolution)	Causes & Results Of American & Revolution , Napoleon Bonaparte
Ch - 3	The Growth of Nationalism (The American Civil War)	Causes & Results Of American Civil War
Ch – 1	(CIVICS) (The Union Legislature)	Lok & Rajya Sabha
Ch – 2	(The Union Executive)	President & Prime Minister

2nd Term

Chapter No.	Chapter Name	Content
Ch - 4	(HISTORY) India in the 18 th Century	Rise Of Regional Kingdom
Ch - 5	Traders to Rulers	Historical Background Of Trading System in 17 th & 18 th Century & Impacts Of Battles
Ch - 6	British Policies and Impacts	British Economic Policies , Land Revenue , British Educational Policies
Ch - 7	Socio – Religious Reforms	Role Of Socia – Religious Reformers
Ch - 3	(CIVICS) (The Judiciary)	Supreme Court & High Court
Ch – 4	The United Nations	Aims , Objectives , Composition & Principles Organs

3rd Term

Chapter No.	Chapter Name	Content
(Std -IX) Ch - 1	(HISTORY) The Harappan Civilization	Introduction , Sources , Origin , Extent , Urban Planning , Trade, Art , Craft & Decline
Ch – 2	The Vedic Period	Introduction , Sources & Comparative Study Of Early and Later Vedic Period
Ch - 3	Jainism and Buddhism	Introduction , Sources and Causes Of Rise Of Jainism and Buddhism
Ch - 5	(CIVICS) State Legislature	Meaning of Unicameral & Bicameral . Two houses of State Legislature: Legislative assembly & Legislative Council

Subject: Geography

Name of the book : A Textbook of Geography

Author- Veena Bhargava

Publications- Goyal brothers Prakashan

1st Term

Chapter No.	Chapter Name	Content
1	Representation of geographical features	Interpreting Contours, features related to height and elevation of a landscape, conventional signs of settlement patterns, interpretation and analysis of the toposheet, legend
3	Migration	Meaning, causes and types of Migration, effects and impact of migration, Brain-drain
8	India: Geographical features	Introduction, location and extent, boundaries and neighbouring countries of India, states and capital, physiographic division of India

2nd Term

Chapter No.	Chapter Name	Content
2	Population Dynamics	Introduction, distribution of population in the world, factors affecting size of population, density of population in the world, over population and under population factors affecting population of population
4	Urbanisation	Introduction, causes of urbanization impact of urbanization, ways to reduce the negative impact of urbanization, step to be taken to keep the urban areas clean, satellite cities, concept of smart cities, characteristic features of Smart City vs urban city
6	Asia: The Largest Continent – Location and Physical features	Introduction, location and extent, a continent of contrast political division of Asia, CIS, physical features of Asia

3rd Term

Chapter No.	Chapter Name	Content
5	Natural and Man-made Disaster	Introduction, causes of disaster, types of disaster, management in India
7	Asia: Climate, Natural Vegetation and Wildlife	Introduction, factors affecting climate of Asia, climate conditions during the year annual distribution of rainfall,

		types of climate in Asia, natural vegetation and wildlife
9	India: Climate, Flora and Fauna	Introduction, factors affecting climate of India the climatic contrast, change of season in India, forest resources of India types of natural vegetation of India conservation of forest in India, India-wildlife, conservation of wildlife endangered species
10	India: Human Resources	Introduction, importance of human resources factors influencing population distribution in India, distribution population in India, role of health and education in developing human resources impact of skill human resources on social economic development of the country

विषय-हिंदी

पाठ्यपुस्तक का नाम: वाटिका / नई ज्ञानमणि

1st Term

हिंदी व्याकरण

पाठ नंबर	पाठ का नाम	विषय वस्तु
1.	भाषा, बोली, लिपि और व्याकरण	व्याख्या और अभ्यास कार्य
2.	वर्ण विचार और उच्चारण	व्याख्या और अभ्यास कार्य
3.	उपसर्ग/ प्रत्यय	व्याख्या और अभ्यास कार्य
4.	शब्द भंडार(सभी आवधि में)	व्याख्या और अभ्यास कार्य
5.	संज्ञा	
6.	लिंग /वचन	
7.	पत्र लेखन(सभी आवधि में)	
8.	निबंध लेखन(सभी आवधि में)	
9.	अपठित गद्यांश(सभी आवधि में)	
10.	अपठित पद्यांश(सभी आवधि में)	
11.	मुहावरे(सभी आवधि में)	
12.	लोकोक्ति (सभी आवधि में)	

13.	विज्ञापन लेखन/ सूचना लेखन/डायरी लेखन	
14.	सर्वनाम(1 st and 2 nd term)	
15.	संधि इसक भेद	व्याख्या और अभ्यास कार्य

हिंदी साहित्य

पाठ नंबर.	पाठ का नाम	विषय वस्तु
पाठ -1	पंख लगा उड़ जाए (कविता)	वाचन,व्याख्या ,अभ्यास
पाठ -2	शिक्षक के नाम पत्र (पत्र)	वाचन,व्याख्या ,अभ्यास
पाठ -3	सयानी बुआ(संस्मरण)	वाचन,व्याख्या ,अभ्यास
पाठ -4	सूरदास बाल वर्णन(पद)	वाचन, व्याख्या, अभ्यास
पाठ-5	भूल का अहसास (लोककथा)	वाचन ,व्याख्या,अभ्यास
पाठ-6	बेंजी का बड़ा दिन(कहानी)	वाचन, व्याख्या,अभ्यास

2nd Term

हिंदी व्याकरण

पाठ नंबर	पाठ का नाम	विषय वस्तु
4	कारक	वाचन, व्याख्या,अभ्यास
5	संधि	वाचन, व्याख्या, अभ्यास
6	समास	
7	क्रिया	वाचन, व्याख्या, अभ्यास
8	विशेषण तथा विशेषण के भेद	वाचन,व्याख्या, अभ्यास
5	अविकारी शब्द	वाचन, व्याख्या, अभ्यास
17	पत्र लेखन	
18	निबंध लेखन	

21	प्रतिवेदन लेखन	
14	अपठित गद्यांश और पद्यांश	
14	मुहावरे और लोकोक्तियां	

हिंदी साहित्य

पाठ नंबर	पाठ का नाम	विषय वस्तु
7	कल (कविता)	वाचन, व्याख्या, अभ्यास
8	हींगवाला (कहानी)	वाचन, व्याख्या, अभ्यास
9	कुदरत हमको सिखलाती है (कविता)	वाचन, व्याख्या, अभ्यास
10	आपबीती (आत्मकथांश)	वाचन, व्याख्या, अभ्यास
11	डायरी के पन्ने (यात्रावृत्तांत)	वाचन, व्याख्या, अभ्यास

3rd Term

हिंदी व्याकरण

पाठ नंबर	पाठ का नाम	विषय वस्तु
5	संधि	वाचन, व्याख्या, अभ्यास
9	शब्द और पद	वाचन, व्याख्या, अभ्यास
10	पदबंध	वाचन, व्याख्या, अभ्यास
11	पद परिचय	
11	वाक्य विचार	वाचन, वाक्य, अभ्यास
12	वाच्य	वाचन, व्याख्या, अभ्यास
13	अलंकार	
13	विराम चिन्ह तथा उनके प्रयोग	वाचन, व्याख्या, अभ्यास
14	मुहावरे तथा लोकोक्तियां	
17	पत्र लेखन	

18	निबंध लेखन	
22	डायरी लेखन	
15	अपठित गद्यांश तथा पद्यांश	
5	शब्द भंडार	

हिंदी साहित्य

12	अटूट बंधन (नाटक)	वाचन,व्याख्या,अभ्यास
13	मित्रता (लेख)	वाचन,व्याख्या, अभ्यास
14	न्याय मंत्री (कहानी)	वाचन,व्याख्या, अभ्यास
15	पहली बूंद (कविता)	वाचन,व्याख्या,अभ्यास
16	नन्हा दीपक (कहानी)	वाचन,व्याख्या,अभ्यास

Subject: CTA

Name of the book : Guided Computer Applications Text-book (I.C.S.E. IX)

Chapter No.	Chapter Name	Content
1	Introduction to Object Oriented Programming concepts	Introduction to computer languages, Need & types of computer languages, OOP ,POP , Principles of OOP, IDE, Java history , Java, Types of Java Programs , Source code ,Bytecode, Object Code, Java Virtual Machine (JVM), Translator (Interpreter, Compiler), Java Compilation Process, Features of Java, Real time applications of Java
3	Identifiers, Literals, and Basic Structure of a Class in Java	Introduction, Character set of Java, ASCII Code ,Unicode, Tokens in Java, Escape sequence, data types , Categories of data types , size and range of data types , Variables (Variable declaration, Variable initialisation), Printing methods in Java (print(), println()), Scope of variables, final keyword, type conversion, Basic structure of a class in Java, and Working with Java (BlueJ)

4	Operators and Expressions in Java	Operators in Java, Forms of operators , Types of operators , Shorthand operators, Precedence and Associativity of operators, new operator, Invoking members of class using dot (.) operator, Expressions in Java, Types of expressions in Java ,Evaluation of an expressions in Java ,Working of main() method with parameters
---	-----------------------------------	--

2nd Term

Chapter No.	Chapter Name	Content
6	Data Processing in Java	Introduction, What is an input?, Input in Java, Input using initialisation, Input - using method parameters, Introduction to packages (Package, The import keyword, Built in packages in Java, User-defined package in Java), Scanner class (Input - Using Scanner class, Methods of Scanner class), Comments in Java (or Remarks in Java) (// symbol, /* symbol), Errors or Exceptions, Types of errors or exception (Syntax error or Compile-time `error, Runtime error, Logical error
7	Mathematical Library Methods	Introduction to package java.lang, Mathematical methods and its types, Conversion of Arithmetic expression to Java statement
8	Conditional Statements in Java	Introduction (Branching, Looping, Jumping), Conditional statements (The if() statement, The nested if() statement, The if-else statement, The if-else-if() ladder), Ternary operators V/S if-else statement, The switch-case statement, Components of switch-case statement (switch, case, break, default), Fall Through, Difference between if() and switch-case, Conversion from if() to switch-case and switch-case to if(), and The System.exit(0) statement

3rd Term

9	Iterative (Looping) Statements in Java	Loop or Iteration statements, Types of iteration (looping) statements (entry & exit controlled loop), Essential components of a loop, for() loop, while() loop, do-while() loop, Variation in the loops, difference between while() and do-while() loop, Jump statements, Interconversion of loops
10	Nested Iteration In Java (The Nested for() Loops)	Nested loop, Nested for() loop, break statement within nested for() loop, continue statement within nested for() loop
11	Ethical Computing	Ethical computing, Computer ethics, Ethical issues in computing, Intellectual Property Rights (IPR), Right to privacy and safety measures, Data protection on the Internet , Spam, Types of spam and protection against spam, Software piracy, Cyber ethics, Ethical use of social media, Importance of online safety, Digital etiquettes (Netiquettes), Responsible use of technology
2	Elementary Concept of Objects and Classes	Modelling entities and their behaviour by objects, Object, Class, Class as a specification for objects, Class; an object factory, Object as Instance of a class, Class as a user defined data type, computation as message passing between objects

विषय - संस्कृत

निर्धारित पुस्तक -1.नई दीप मणिका (8)

प्रथम आवधिक संस्कृत पाठ्यक्रम

पाठ संख्या	पाठ का नाम	विषय वस्तु
पाठ-1	प्रकृति - शोभा	पठन,व्याख्या एवंअभ्यास
पाठ-2	महामना मदनमोहनमालवीयः	पठन,व्याख्या एवंअभ्यास
पाठ-3	चन्द्रगुप्तस्य न्यायः	पठन,व्याख्या एवंअभ्यास
पाठ-4	कन्याकुमारी	पठन,व्याख्या एवंअभ्यास
पाठ-5	सुवचनानि	पठन,व्याख्या एवंअभ्यास
पाठ-16	सङ्ख्या-प्रयोगः	पठन,व्याख्या एवंअभ्यास

पृष्ठसंख्या - 106	परिशिष्टम्(पर्यायवाचिनःशब्दाः-पृथ्वी-रात्रिः)	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या - 107	शब्दरूपाणि-कवि,मति,एतत्,सर्व,गच्छत्	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या - 113	धातुरूपाणि-दृश,प्रच्छ,नृत्,सेव्	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या - 121	लकारः	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या-144	चित्रवर्णनम्	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या-147	अपठित गद्यांश	पठन,लेखन एवंअभ्यास
	पत्र-लेखनम्	पठन,व्याख्या एवंअभ्यास
	अनुच्छेद लेखन	पठन,लेखन एवंअभ्यास
	शब्दार्थ ,अनुवाद	पठन,लेखन एवंअभ्यास

द्वितीय आवधिक संस्कृत पाठ्यक्रम

क्रम-संख्या	पाठ संख्या पाठ का नाम	विषय वस्तु
पाठ-6	महानगराणां जीवनरेखा	
पाठ-7	श्रृगाल-कथा	पठन,व्याख्या एवंअभ्यास
पाठ-8	ईश्वरः यत्करोति शोभनं करोति	पठन,व्याख्या एवंअभ्यास
पाठ-9	साहित्य-सुधा	पठन,व्याख्या एवंअभ्यास
पाठ-10	अन्तर्जालम्	
पाठ-16	संख्या- प्रयोग	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-106	परिशिष्टम् (पर्यायवाचिनः शब्दाः-सूर्यः-गङ्गा)	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-107	शब्दरूपाणि-नदी,गुुरु,इदम्, विद्वस्	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या-113	धातुरूपाणि- रक्ष,स्था,क्रुद्ध,याच्	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या-125	कारक तथा उपपद-विभक्ति	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-145	चित्रवर्णनम्	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-146	वार्तालापः	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-147	अपठित गद्यांश	पठन,लेखन एवंअभ्यास
	पत्र - लेखनम्	पठन,लेखन एवंअभ्यास

	अनुच्छेद लेखन	पठन,लेखन एवंअभ्यास
	शब्दार्थ,अनुवाद	पठन,लेखन एवंअभ्यास

तृतीय आवधिक संस्कृत पाठ्यक्रम

पाठ संख्या	पाठ का नाम	विषय वस्तु
पाठ-11	वरं बुद्धिर्न सा विद्या	पठन,व्याख्या एवंअभ्यास
पाठ-12	भारतस्य संविधानम्	पठन,व्याख्या एवंअभ्यास
पाठ-13	नीति-श्लोकाः	पठन,व्याख्या एवंअभ्यास
पाठ-14	गीतोपदेशाः	पठन,व्याख्या एवंअभ्यास
पाठ-15	प्रकाशस्यपरावर्तनम् अपवर्तनम् च	पठन,व्याख्या एवंअभ्यास
पाठ-16	सङ्ख्या-प्रयोगः	पठन,लेखन एवं अभ्यास
पृष्ठसंख्या-106	परिशिष्टम्(पर्यायवाचिनःशब्दाः- रिपुः - मेघः)	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या-108	शब्दरूपाणि-पितृ,मातृ,किम्, गुणिन्	पठन,लेखन एवं अभ्यास
पृष्ठसंख्या-117	धातुरूपाणि- कथ्,अस्, कृ,लभ्	पठन,लेखन एवंअभ्यास
पृष्ठसंख्या-125	प्रत्ययः	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-145	चित्रवर्णनम्	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-146	वार्तालापः	पठन,व्याख्या एवंअभ्यास
पृष्ठसंख्या-147	अपठित गद्यांश	पठन,लेखन एवंअभ्यास
	पत्र - लेखनम्	पठन,व्याख्या एवंअभ्यास
	अनुच्छेद लेखन	पठन,लेखन एवंअभ्यास
	शब्दार्थ,अनुवाद	पठन,लेखन एवंअभ्यास

Subject : Moral Science

Name of the book: Inspiring Souls A Book of Moral Values and Life Skills

Name of the Publisher: Acevision Publisher

<u>First Term</u>		
Chapter no.	Chapter Name	Value Point
1	Shaking Earth	Power of Prayer
2	Goodness Meal	What goes around comes around
3	Flying Drama	Reaction and Responses (Life Skill)
<u>Second Term</u>		
6	The Hanging Sword	Rights and Responsibilities
7	Father's Will	Critical Thinking (Life Skill)
9	Some Other Day!	Procrastination
<u>Third Term</u>		
10	The Jar of Life	Identifying Priorities (Life Skill)
11	Stormy Stress	Coping with Stress (Life Skill)
13	The Emperor's New Clothes	Assertiveness (Life Skill)
14	My Network	Interpersonal Skills (Life Skill)

Subject: GENERAL KNOWLEDGE

Name of the book: ANY TIME G.K. (EVER GREEN PUBLICATION)

1stTerm

UNIT	CHAPTER NAME	CONTENT
I	INCREDIBLE INDIA	<ul style="list-style-type: none">• Mughal Rule in India• The Judiciary• Indian Armed Forces• Governing Educational Bodies• Seaports of India• Learning Centres• Election Symbols
II	THE WORLD AROUND US	<ul style="list-style-type: none">• World Intelligence Agencies• Know Your Boundaries• The Group of Twenty (G20)• Roman Mythology• Geographical Epithets

III	ANIMAL KINGDOM	<ul style="list-style-type: none"> • Animal Pharmacists • Animals : Fact or Fiction • Stout Defences • Colossal Sea Creatures • Man's Best Friend
<ul style="list-style-type: none"> • REVISION TEST PAPER-1 		
<ul style="list-style-type: none"> • CURRENT AFFAIRS 		
<ul style="list-style-type: none"> • LOGICAL REASONING/PUZZLES 		
<u>2ndTerm</u>		
UNIT	CHAPTER NAME	CONTENT
IV	PLANT KINGDOM	<ul style="list-style-type: none"> • Amazing Plants • Modern Farming • Algae and Fungi
V	SPORTS & ENTERTAINMENT	<ul style="list-style-type: none"> • Sports Quiz • Sports Governing Bodies • Cricket Vocabulary • Hollywood Legends • Popular Artists • Celebrations • Film Genres
VI	SCIENCE & TECHNOLOGY	<ul style="list-style-type: none"> • Computer Facts • Metals & Non- metals • Chandrayaan-3 • Internet and Networking • Blood : A Wonder Liquid • Space Firsts • Alternative Medicines • Notable Pandemics
<ul style="list-style-type: none"> • REVISION TEST PAPER-2 		
<ul style="list-style-type: none"> • CURRENT AFFAIRS 		
<ul style="list-style-type: none"> • LOGICAL REASONING/PUZZLES 		

3rdTerm

UNIT	CHAPTER NAME	CONTENT
VII	LANGUAGE AND LITERATURE	<ul style="list-style-type: none">• Poetic Forms• Famous Autobiographies• Languages and Authors• End with -ent• William Shakespeare's Plays
VIII	LIFE SKILLS & ENVIRONMENT	<ul style="list-style-type: none">• CPR First Aid• Global Warming• Environmental Pollution• Memory Tips and Tricks
IX	GENERAL AWARENESS	<ul style="list-style-type: none">• Nobel Prize• Extreme Airports
X	TICKLE YOUR BRAIN	<ul style="list-style-type: none">• Reasoning• Puzzles
<ul style="list-style-type: none">• REVISION TEST PAPER-3		
<ul style="list-style-type: none">• CURRENT AFFAIRS		
<ul style="list-style-type: none">• LOGICAL REASONING/PUZZLES		

Subject: Economic Applications

Name of the book : Std 9 I.C.S.E Economic Applications (J.P. Goel & Kaushal Goel)

1st Term

Chapter No.	Chapter Name	Contents
1	Meaning and Definition of Economics	Definitions- Wealth, Welfare, Scarcity, Growth, Keynes, Microeconomics and Macroeconomics and Types of activities
2	Basic Economic Entities in an Economy	Economy & its main sectors, Basic units of economic analysis, Consumers, Producers, Government

2nd Term

Chapter No.	Chapter Name	Content
3	Basic Problems of an Economy	Meaning, Causes, Central Problems- What, How & For whom to produce and Economic Growth & Economic Development
4	Types of Economies	Classification on the basis of Ownership- Capitalism, Socialist and Mixed Economy (Only Features) Classification on the basis of Economic Growth- Underdeveloped and Developed (Only Features)
5	Characteristics of Indian Economy	Indian Economy, Characteristics, Indian Economy- An Underdeveloped Economy, India- A mixed economy, India- A Developing Economy, India- A Planned Economy, India- A Federal economy

3rd Term

Chapter No.	Chapter Name	Content
6	Main Sectors of Indian Economy: Agriculture	Main Sectors, Meaning, Role, Causes of Low Productivity, Impact of agricultural activities, Organic Farming & it's benefit
12	Consumer Awareness	Market, Need for consumer protection, Forms, Reasons, Growth, Consumer Education, Consumer Rights, Food Adulteration, Other consumer protection measures
13	Globalisation	Meaning, Case, Factors, Impact, WTO- Functions & Objectives, MNCs