ENGLISH LANGUAGE

PRESCRIBED TEXTBOOK: ABSOLUTE ENGLISH (IX -X)

| HALF YEARLY | | ANNUAL | | |
|-------------|-------------------------------|---------|-----------------------|--|
| CHAPTER | TOPICS | CHAPTER | TOPICS | |
| 1 | Writing an Essay | 22 | Expository Essays | |
| | Organising and Planning Your | | | |
| 2 | Composition | 23 | Critical Essays | |
| 2 | B 1 W W | 2.4 | mi oi co | |
| 3 | Paragraph Writing | 24 | The Short Story | |
| 4 | Characterisation | 25 | Picture Composition | |
| | Introduction (Beginning) and | | | |
| 5 | Conclusion (Ending) of Essays | 26 | Uses of Tense | |
| 6 | Punctuation and Capitals | 27 | Sequence of Tenses | |
| 7 | Article | 28 | Adjective | |
| | Agreement of Verb with the | | | |
| 8 | Subject | 29 | Adverb | |
| 9 | Active and Passive Voice | 30 | Letter to the Editor | |
| 10 | Direct and Indirect Speech | 31 | Letter of Complaint | |
| 11 | Types of Essays | 32 | A Letter of Apology | |
| 12 | Narrative Essays | 33 | Letter of Persuation | |
| 13 | Descriptive Essays | 34 | Letter of Invitation | |
| 14 | Argumentative Essays | 35 | Letter of Condolence | |
| 15 | Types of Sentences | 36 | Conditional Sentences | |
| 16 | Transformation of Sentences-1 | 37 | Prepositions | |
| 17 | Transformation of Sentences-2 | 38 | Conjunctions | |
| 18 | Letter Writing- Personal | 39 | Summary Writing | |

| 19 | Letters Formal or Official | 40 | Words Likely to be Confused |
|---------------------------------------|---|----|--|
| 20 | Comprehension Skills | 41 | Idioms |
| 21 | Notice and E-mail | 42 | Proverbs |
| | Essay Test; Oral and Aural | | Essay Test; Oral and Aural Assessment; |
| | Assessment;ELSA | | ELSA |
| Financial Literacy Activity (ELSA) | You have opened a bank account with your pocket money and shared this information with your best friend. Write a letter to your friend who has asked about the details of account opening and its benefits. | | |

SYLLABUS FOR UNIT TEST

SUBJECT: ENGLISH LITERATURE

PRESCRIBED TEXTBOOKS: JULIUS CAESAR AND TREASURE CHEST

| | REHEARSAL | | | |
|---|----------------------------|--|-----------------|-------------------------|
| CHAPTER | TOPICS | CHAPTER | NO./TITLE | TOPICS |
| NO./TITLE | | | | |
| Treasure Chest | 1. With the Photographer | Treasur | e Chest | 1. The Pedestrian |
| | 2. The Elevator | | | 2. The Last Lesson |
| | 3. The Girl Who Can | | | 3. A Considerable Speck |
| | 4. Haunted Houses | | | 4. The Power of Music |
| | 5. The Glove and the Lions | | | |
| | 6. When Great Trees fall | | | |
| Julius Caesar | Act III and Act IV | Julius | Caesar | Act V |
| PROJECT TOPIC: Closely referring to 'With the Photographer', bring out the truth of the statement: One should not be judged by one's looks. | | PROJECT TOPIC: Referring closely to 'Julius Caesar' discuus the idea: Caesar omnipresent despite his death quite early in the play | | • |
| : Ist project :on or be | fore 16.08.2024 | Final :on or be | efore 24.01.202 | 25 |
| | | Entire syllabus | for class X to | be included |
| | | | | |

SYLLABUS FOR UNIT TEST

SUBJECT: HINDI

PRESCRIBED TEXT BOOK : साहित्य सागर गद्य- पद्य, एकांकी संचय

| HALF YEARLY | | REHEARSAL | | |
|--|--|----------------|--|--|
| CHAPTER | TOPICS | CHAPTER | TOPICS | |
| NO./TITLE | - : | NO./TITLE | | |
| 7 | संदेह जयशंकर प्रसाद | | | |
| 8 | भीड़ में खोया आदमी लीलाधर शर्मा | | | |
| 9 | भेड़ और भेड़िए - हरिशंकर परसाई | | | |
| 10 | दो कलाकार - मन्नू भंडारी | | WHOLE GALLADING OF OLARGES IN AND | |
| 7 | विनय के पद - तुलसीदास | | WHOLE SYLLABUS OF CLASSES IX AND | |
| 8 | भिक्षुक - सूर्यकांत त्रिपाठी निराला | | X | |
| 9 | चलना हमारा काम है - शिवमंगल सिंह | | | |
| 10 | मातृ मंदिर की ओर- सुभद्रा कुमारी चौहान | | | |
| व्याकरण | अशुद्ध वाक्य को शुद्ध करना मुहावरों का वाक्य में प्रयोग पर्यायवाची शब्द, विलोम शब्द अनेक शब्दों के लिए एक शब्द भाववाचक संज्ञा बनाना पत्र लेखन | | | |
| PROJECT TOPICS: प्रेग | नचंद का साहित्यिक परिचय देते हए आनंदी | | | |
| का चरित्र चित्रण करें ${\tt L}$ | स्रदास | PROJECT TO | PICS : मन्नू भंडारी द्वारा रचित दो कलाकार कहानी में | |
| ने अपने काव्य में कृष्णा जी लिखें I | के बाल सौंदर्य का वर्णन अपने शब्दों में | अरुणा और चित्र | PICS : मन्नू भंडारी द्वारा रचित दो कलाकार कहानी में I का चरित्र चित्रण करें | |

RBI प्रति वर्ष एक निश्चित मात्रा में ही मुद्रा FLN जारी की जाती है। इसके कारणों का पता लगाने के पश्चात अपने मित्र को विस्तृत जानकारी देते हुए एक पत्र लिखिए।

Project submission date; 1st on or before: 31.08.24

Project submission date; final on or before: 30.11.24

SYLLABUS FOR UNIT TEST

SUBJECT: BENGALI

PRESCRIBED TEXT BOOK: SONKOLITA

| HALF YEARLY | | | REHEARSAL | | |
|----------------------------------|--|-------------------------|---|--|--|
| CHAPTER | TOPICS | CHAPTER NO./TITLE | TOPICS | | |
| NO./TITLE | | DDOGE | | | |
| PROSE | | PROSE | | | |
| 7 | দেবতার জন্ম | 9 | গন্ধটা খুব সন্দেহজনক | | |
| 8 | নীল মানুষের কাহিনী | 10 | লোকটি | | |
| POEM | | POEM | | | |
| 7 | ফুল ফুটুক না ফুটুক | 9 | বাবু বলেন | | |
| 8 | অমলকান্তি | 10 | খোখো | | |
| GRAMMAR | | | রচনা,পত্র লিখন ,সমার্থক শব্দ,একই শব্দের ভিন্ন অর্থে | | |
| | রচনা,পত্র লিখন ,বিরাম চিহ্নের প্রয়োগ | GRAMMAR | প্রয়োগ | | |
| | বোধপরীক্ষৃণ,সমার্থক শব্দ,একই শব্দের | | বোধপরীক্ষণ,বাক্য পরিবর্তন ,বাচ্য পরিবর্তন,অনুকার | | |
| | ভিন্ন অর্থে প্রয়োগ | | অব্যয় | | |
| | এককথায় প্রকাশ ,বাগধারা , বানান শুদ্ধ। | | এককথায় প্রকাশ ,বাগধারা , বানান শুদ্ধ,সাধু চলিত । | | |
| PROJECT | ছাত্র জীবনের দায়িত্ব ও কর্তব্য | PROJECT TOPIC : | ক্যানভাসার | | |
| TOPIC: | | | | | |
| Project | | Project submission date | | | |
| submission date : (on or before) | 31.08.24 | : (on or before) | 30.11.24. | | |
| . (on or before) | | | | | |

SYLLABUS FOR UNIT TEST

SUBJECT :HISTORY AND CIVICS

PRESCRIBED TEXT BOOK: I.C.S.E.HISTORY AND CIVICS PART II

| HAL | F YEARLY | | ANNUAL |
|---|--|----------------------------|---|
| CHAPTER NO./TITLE | TOPICS | CHAPTER NO./TITLE | TOPICS |
| Civics | | Civics | |
| 1.The Union Legislature | Federal Set Up,Lok Sabha,Rajya Sabha,Powers | 5. The State Judiciary | Composition, Qualification of judges, Tenure, all powers. |
| | Functions, relation between two houses, Amendment of Constitution. | 6. Subordinate Courts | Civil Courts, Criminal Courts, |
| 2.The Union Executive | president : election, Term Of Office , Powers.qualification, | | lok Adalat. |
| | Electoral College, Indirect Election,Impeachment, Vice President Qualification,term,powers. | History 10 The Last Phase. | Cabinet Mission plan,Interim |
| 3. Prime Minister, Council,Cabinet | Prime Minister, Council of Ministers, Cabinet, A Coalition, Government, Collective Responsibility | 11. The First World War | Government, Mountbatten Plan, Indian Independence Actprovisions. All causes, All results Provisions |
| | The Supreme Court- | | |
| 4.The Union | Composition, functions, powers, | | Treaty of Versailles. |
| judiciary. History | Duties,Independence of judiciaryF.L.Nbudget | 12The RISe Of Dictators | Rise of Fascism in Italy, Nazism in Germany ,causes, ideologies, |
| 1.The First War | Causes- political, Social, Religious, Economic, | | Similarities. |
| Of Independence | Military causes, Results. | 13. The Second World War | causrs,results. |
| 2.Factors promoting the Growth of Nationalism | Causes, Precursors of Congress, Foundation of Congress, Objectives of Congress, Social and Religious | 14. The United Nations | Purpose ,objectives,principles, |
| | Reforms, | | General Assembly, Security |
| | Demands of the congress. | | Council, Economic and Social |

| 3.First Phase | The Early Nationalists, programme, demands, | | Council, International Court |
|--|--|----------------------------|-------------------------------------|
| of Indian National | achievements, attitude of Government towards | | Of justice, Secretariat. |
| | | 15.Major Agencies of | |
| Movement | Indian National Congress. | U.N.O. | UNICEF, WHO, ILO, UNESCO, |
| 4.Second phase Of the | | | |
| Movement | Rise of Assertives, partition of bengal, | | Formation, Functions. |
| | Methods and Programmes, Differences with | | |
| | Moderates, Contributions of Lal-BAL-Pal, | 16. The Non Aligned | Meaning, Factors responsible for |
| 5 Second Phase of National | | | |
| Movement. | Swadeshi Movement, Surat Split. | Movement. | foundation of NAM ,chief |
| | Causes, Programme, Impact. | | architects,role of Nehru,objectives |
| | | | of NAM,role of NAM in world |
| 6.Formation of Muslim | | | |
| League | Factors responsible for foundation, Aims, | | affairs,relevance of the |
| | impact On The Nationa Movement. | | NON-ALIGNED MOVEMENT. |
| | Lucknow pact ,provisions, significance, impact, | | |
| 7. The National Movement | Home Rule movement, Home Rule | | |
| Durng First world War | League, formation, function, August Declaration. | | |
| | Life sketch, causes of Non Cooperation | | |
| 8. Mahatma Gandhi and | movement, Programme, impact, Simon | | |
| National Movement | Commission, Purna swaraj, Civil Disobedience | | |
| | movement, causes, programme, results, | | |
| | Cripps mission, Attack of Japan, quit India | | |
| 9.The National | Movement. | | |
| Movement 1935-42 | | | |
| PROJECT TOPICS: The UNITED NATIONS -Subtopics mentioned in the | | PROJECT TOPICS : The | LINITED NATIONS |
| chapter. | | TROJECT TOFICS. THE | UNITED NATIONS. |
| Project submission da | te :on or before 16.08.23 | Project submission date :c | on or before 15.01.23 |

SYLLABUS FOR UNIT TEST

SUBJECT: GEOGRAPHY

PRESCRIBED TEXT BOOK: A TEXTBOOK OF ICSE GEOGRAPHY PART II BY VEENA BHARGAVA

| CHAPTER NO./TITLE | TOPICS | CHAPTER NO./TITLE | TOPICS |
|-----------------------------|---|--|---|
| 1. Interpretation of | Locating features with the help of a four or six figure Gridreference | 10. Agriculture I | Importance, Problems and Reforms. |
| Topographical maps | Definition of Contours, Contour Interval. Identification of landforms marked by Contours | Types of Farming | Subsistence, Commercial, Shifting, Intensive Agriculture, Extensive Agriculture |
| G43S7 | Interpretation of colour tints and conventional symbols | | Mixed Farming, Plantation Farming. |
| G43S10 | Definition and Types of Scales Measuring Direct and Indirect distance Marking directions and calculating area | 11.Agriculture II -Food crops12. Agriculture III-Cash crops13.Manufacturing Industries I | Rice, Wheat, Millet, Pulses, Maize. Groundnut, Mustard, Soyabean. Sugarcane, Cotton, Jute, Tea, Coffee. |
| | Drainage and Settlement pattern Manmade and Natural features | Agrobased Industry 14. Mineral based | Sugar, Cotton, Silk Textile. Introduction, Classification of Industries. Iron and Steel: |
| 2. Map of India | Himalayas Karakorm, Aravali, Vindhyas, Satpura, Western | Industries | TISCO,Bhilai, Rourkela, Vishakhapatnam |
| Mountains, Peaks, Plateaus: | and Eastern Ghats, Nilgiri, Garo, Khasi, Jaintia Mt Godwin Austin (K2), Mt Kanchenjunga | | Petrochemical and Electronics. |
| | Deccan Plateau, Chota Nagpur Plateau | 15. Transport | Importance, Roadways, Railways, Airways and |
| Plains | Gangetic Plains, Coastal Plains-Konkan Kanara, Malabar, Coromandel, N. Circar | Importance and Modes | Waterways Advantages and Disadvantages |
| Desert : Rivers: | Thar Indus,Ravi, Beas, Sutlej, Chenab, Jhelum, Ganga | 16. Waste Management | Impact of Waste Accumulation Spoilage of Landscape |
| | Yamuna, Ghaghra, Gomti, Gandak, Kosi, Chambal, Betwa,Son, Damodar, | | Pollution Waste and Health Hazard. |

Brahmaputra, Narmada, Tapi, Mahanadi,

Godavari, Krishna, Cauveri, Tungabhadra

Water bodies: Gulf of Kutch, Gulf of Kambhat, Gulf of

Mannar, Palk Strait, Andaman sea, Chilka lake

LakeWular

Passes: Karakoram, Nathu la

Latitude: Tropic of Cancer

Longitude Standard Meridian

Direction of SW Monsoons(Arabian sea branch and

Winds Bay of Bengal branch) NE Monsoons,

Western disturbances

Distribution of Oil: Mumbai High, Digboi

Minerals Iron : Singbhum, Coal: Jharia

Soil Distribution: Alluvial, Laterite, Black, Red soil

Cities Delhi, Mumbai, Kolkata, Chennai, Hyderabad

Bengaluru, Kochi, Chandigarh, Srinagar

Vishakhapatnam, Allahbad

Population Distribution : Dense and Sparse

4. Climate Factors Influencing, Variation, Seasons

Distribution of Rainfall

5. Soils In India Formation

Classification and Characteristics

Distribution, Soil Erosion

Soil Conservation

6. Natural Vegetation Importance of Forests, Types and Distribution

Correlation with Environment

Forest Conservation

7. Water Resources Sources: Surface and ground water

Need For Conservation

Rain water Harvesting and its Importance

Irrigation: Methods and Importance

8. Mineral and Iron Ore, Manganese, Copper, Bauxite

EnergyResources I Uses and Distribution

9.Mineral& Energy Coal, Petroleum, Natural Gas: Distribution

Reources II Advantages and Disadvantages Hydel Power: Bhakra Nangal and Hirakud Effect on Terrestrial and Acquatic life.

17. Waste Management Need for Waste Management

Methods of Safe Disposal of Waste Needs and Methods of Reducing, Reusing and Recycling Waste.

Map of India Entire Syllabus

Entire Syllabus Is Included In Rehearsal Examination.

Non Conventional Solar, Wind, Tidal, Geo thermal, Nuclear, Biogas

sources: Generation And Advantages

PROJECT TOPICS: Tourist Spot In India OR Transport In India OR Natural

Vegetation Ofndia

To submit on or before 20.08.24 Final :on or before 18.11.24

PROJECT TOPICS: Tourist Spot In India OR Transport In India

SYLLABUS FOR UNIT TEST

ST. FRANCIS XAVIER SCHOOL

SYLLABUS FOR CLASS - X

ACADEMIC SESSION 2024 - 25

SUBJECT: MATHEMATICS

PRESCRIBED TEXT BOOK: UNDERSTANDING ICSE MATHEMATICS

| H | ALF YEARLY | REHEARSAL | | |
|------------------------------|--|--------------------------|--|--|
| Chapter No/Title | Topic | Chapter No/Title | Topic | |
| 1. Goods and Service Tax | Problems on G.S.T (FLN) | 17. Mensuration | Cylinder ,Cone and Sphere | |
| 2. Banking | Problems based on Recurring Deposit | 16. Construction | Tangent to a circle | |
| 4. Linear Inequation | Solving & representing on Number line | | Circumscribed and Inscribed Circle | |
| 5. Quadratic Equation | Shreedhar Acharya formula, Roots and | 14. Locus | Construction Principle | |
| | nature of roots, problem sums | 15. Circle | Angle Property | |
| 6. Factorization | Remainder Theorem, Factor Theorem | | Cyclic Property | |
| 10. Reflection | Graphical Method, Invariant Point, | | Tangent and Secant Property | |
| | Combination of Reflection | 3. Share and Dividend | Formula of Dividend | |
| 18. Trigonometric Identities | Identities (Proof) | 5. Share and Dividend | Problems on Share and Dividend | |
| 10. Trigonometrie lacinetres | Angle & Area Principle, Size | 12. Equation of Straight | Troolems on Share and Bividena | |
| 13. Similarity | transformation | Line | Different Forms of Equations formation | |
| | Section Formula, Collinearity of three | | Conditions of parallelelism and | |
| 11. Section Formula | points | | perpendicularity | |
| 8. Matrices | Order of Matrix and Operation on | | • • | |
| | Matrix, Multiplication Rules of two | | | |
| | Definition of Probability and Related | | | |
| 22. Probability | Problems | | | |
| 21. Measres of Central | Calculating Mean by different | | | |
| Tendency | Methods, Median of group data with | | | |
| | graph (Ogive), Mode of group data | | | |
| | with graph (Histogram) | | | |
| 7. Ratio and Proportion | Basic Introduction, K - method, | | | |

Problems based on Properties of

Proportion

20. Heights & Distance Angle of Elevation & Depression,

Problems based on Height & Distance

9. Arithmetic and Finding General term, Finding the sum

Geometric Progressions of first n terms

PROJECT TOPIC: PROJECT TOPIC: 3. Survey of various types of Bank accounts, rates of interest offered.

Comparing Newspaper coverage by
 daily News papers in 3 languages for
 different days.
 Home Budget

Project submission date: 15.07.24 Project submission date: 11.11.24

(on or before) (on or before)

SYLLABUS FOR UNIT TEST

SUBJECT: COMMERCIAL STUDIES

PRESCRIBED TEXT BOOK: ICSE COMMERCIAL STUDIES

| HALF Y | EARLY | REHEARSAL | | |
|---|--|---|---|--|
| CHAPTER NO./TITLE | TOPICS | CHAPTER NO./TITLE | TOPICS | |
| Stakeholders In Commercial Organisation | Meaning of stakeholders, Distinction between- Stakeholders and shareholders, Stakeholders and Customers. Internal and External Shareholders. | 9. Budgeting | Meaning of budget, Comparison between budgeting and and forecasting, Types of budget, Utility of budgets, limitations | |
| 2 .Marketing and Sales | Meaning ,Objectives and Importance of of marketing, Meaning and Differences between Product and Services | 10.Sources of Finance Financial Litercay:Stock exchange and Economy | Meaning of capital market, Functions of capital market, Prefence Share, Debentures, Bonds, Retained Earning, Trade Credit, Inter Corporate deposits Shares, Meaning role, SEBI, grievance redressal | |
| 3. Advertising and Sales Promotion | Meaning, Objectives, Importance of Advertising. Meaning of sales promotion, Role and technique of sales Promotion. | 11 Recruitment, Selection and Training | Meaning,Sources,Methods of recruitment ,Distinction between recruitment and selection,Steps involved in selection.Types and methods of training | |

| 4 .Consumer protection | Need for consumer protection,Meaning Types of consumer exploitation,Remedies available for redressal of grievances of consumer | 12.Industrial Relations,trade Unions And Social Security Financial Literacy:Financial Inclusion Schemes | Meaning of Industrial relation, objectives, Methods to improve industrial relation, Trade Unions- functions, Problems, Measures for strenthening, Concept of Social security. Empolyees provident fund Organisation, Retirement Plan, Atal Pension Yojna |
|---|--|--|--|
| 5. E-Commerce Financial Literacy:Electronic Commerce | Meaning ,benefits of E-Commerce,E-tailing,E-Advertising,E-Security,Enterpise Resource planning and its module. Meaning ,Uses,Safety ,Precautions,Use of ATM,Debit card,Major financial regulatory bodies in India | 13. Logistics and Insurance Financial Literacy: Insurance | Meaning of logistics,Need and modes of Transportation ,Warehousing types,documents used in warehousing,Importance and Principles of Insurance. Meaning,difference between Insurance and banking |
| 6 .Capital And Revenue Expenditure | Meaning of Capital and Revenue Expenditure, Distriction between Capital and Revenue expenditure and reciept, Deferred revenue expenditure | 14 .Banking | Meaning of baning, Types, Functions of Central bank, NEFT, RTGS, IMPS, E- Wallets, Credit and Debit Cards, financial fraudulent. |
| 7. Final Accounts of Sole Proprietorship | Classification of Asset and liability,Format of Trading Profit and Loss Account,Balance Sheet | 15.Striving For a Better Environment | Community participation and public awareness,Use of Eco friendly technology,The Environment protection act,Function of Central pollution Control Board |

8.Fundamental Concepts of

Concept of

Cost

cost, Elements, Classifiaction and

types of Cost.

PROJECT TOPIC:

1.Balance Sheet and its features

2.Banking and types of account

PROJECT TOPIC:

Recruitment and Selection

Project submission date: (on

or before)

20.08.24

Project submission date : (on

or before)

12.12.24

SYLLABUS FOR UNIT TEST

SUBJECT: ECONOMIC APPLICATIONS

PRESCRIBED TEXT BOOK: ELEMENTARY ECONOMIC APPLICATIONS (ABS PUBLICATIONS)

| HALF YEARLY | | | REHEARSAL | | |
|-------------|-----------------------------------|---|--|---|--|
| | CHAPTER NO./TITLE | TOPICS | CHAPTER NO./TITLE | TOPICS | |
| | 1. Elementary Theory Of Demand | Law of demand, Types, Demand Schedules, Individual demand curve to be distinguished from market demand curve, Determinants of demand, Exceptions, | 5.Nature and Structure of Markets | Meaning and types of markets in detail, Features of different types of market. | |
| | 3.Theory of Supply | Law of supply, Individual supply curves to be distingished from market supply curve, Determinants | 6.The State Economic Development | Role of State, fiscal and monetary policy, Problems, types of taxes. | |
| | | of Supply,Exceptions, | Financial Lieracy: GST | Goods and Service Tax,Meanings,Rates,Benefits of GST | |
| | 2.Elasticity of Demand and Supply | Meanings ,Types,Percentage method,Factors affecting Demand and Supply. | 9.Money and Banking | Definition of money, Functions of money, Functions of RBI-quantitaive and qualitative methods for credit control. | |
| | 4 .Factors of Production | Land, Labour, Capital, Entrepreneur: (meaning, characteristics, functions, im | 10. Inflation | Types of inflation, Causes of infltion. | |
| | | porrtance)DOL,Capital Formation, | Financial literacy:Economic Depression | | |

7. Meaning and Functions of

Money

Meaning, Secondary and Primary

functions.

8. Commercial Banks Meanin

Meaning, functions of Commercial

Bank, Credit creation,

Prepare a project to understand the

PROJECT TOPIC: concept of :Law of Demand b.Law

of supply

PROJECT TOPIC :

FMCG,Survey of the employees working

on physical and mental labour,

Project submission date: (on

or before)

25.08.24

Project submission date : (on or

before)

30.11.24

SYLLABUS FOR UNIT TEST

ST. FRANCIS XAVIER SCHOOL SYLLABUS FOR CLASS X ACADEMIC SESSION 2024 - 25 COMPUTER APPLICATIONS

PRESCRIBED TEXT BOOK: Understanding ICSE COMPUTER APPLICATIONS with BlueJ

| HALF YE | CARLY | REHEARSAL | | |
|---|---|---|---|--|
| CHAPTER NO./TITLE | TOPICS | CHAPTER NO./TITLE | TOPICS | |
| 5. User - Defined Methods | Syntax of Method, Defining a Method, Invoking a Method, Pass by value, call by reference, Pure and Impure function, Function Overloading. | 6. Class as the Basis of all Computation (Objects and Classes) | Objects and Classes, Software object and class, User defined and Primitive data types, Access specifiers, Instance variable, Class variable and Local variable, Static data member, This keyword. | |
| 2. Library Classes | Java Packages, Wrapper Class, Methods of Wrapper Classes, Autoboxing, Unboxing | 4. String Handling | Idea of String, String functions | |
| 3. Arrays (Single Dimensional and Double Dimensional) | Need of Array, declaring an array, Single and Double dimensional array, linear searching, Binary searching, Bubble sorting, Selection sorting, Insertion, Deletion, | 8. Encapsulation and Inheritance | Data hiding, scope of variables, Inheritance, Visibility mode of Inheritance, Base class, Types of Inheritance. | |
| 7. Constructors | Need of Constructor, Invoking a Constructor, Features of Constructor, Types of Constructor, Constructor Overloading. | Entire Syllabus is included along with project of total 20 programs. | | |
| PROJECT TOPICS: 10 Programs from if-else, switch-case, Method overloading, string functions, constructors. [Each program should contain VDT and Sample input and output.] | | PROJECT TOPICS: 10 Programs from Methods, Arrays, encapsulation and Inheritance, String. [Each program should contain VDT and Sample input and output.] | | |
| Project submission date: | on or before : 14.08.2024 | Project submission date: | on or before : 29.11.2024 | |

SYLLABUS FOR UNIT TEST

ST. FRANCIS XAVIER SCHOOL SYLLABUS FOR CLASS X ACADEMIC SESSION 2024 - 25 PHYSICAL EDUCATION

| HALF YEARLY | | ANNUAL | | |
|-------------------------------------|---|-----------------------------------|--|--|
| TOPICS & COMMANDS | BENEFITS & VALUES | TOPICS & COMMANDS | BENEFITS & VALUES | |
| *General Warm-up | Improving body fitness | Dynamic stretching exercises | Improving body flexibility and strength | |
| March Past Commands | Synchronised movements and discipline during assembly | March Past Drill Practice | Practice for sports event, synchronised movement | |
| Upper body and lower body exercises | Body flexibility, developing physical and mental ability. | Fitness Training-jogging, shuttle | Developing body fitness | |
| Recreational Games | Developing physical and mental ability and stamina. | *Outdoor Games Basketball, | Development of team spirit | |

| HALF YEA | ARLY | REHEARSAL | |
|----------------------------------|---|-------------------------------------|---|
| TOPIC | | TOPIC | |
| MAIN CRAFT- | Crop and Seed production / Bakery. | MAIN CRAFT- | Making Toys and Puppets/ Book Binding/ Photography. |
| SUBSIDIARY CRAFT / SERVICES - | Surface Decoration / Interior Decoration. | SUBSIDIARY CRAFT / SERVICES - | Dyeing and Painting / Plaster of Paris work |

SUBMISSION DATE- 30.01.25

^{*} The marked activities will be continued throughout the SUBMISSION