



USHA MARTIN WORLD SCHOOL, PATNA

(Session: 2023–24)

SPLIT UP SYLLABUS: CLASS – XI

Subject:-ENGLISH

| Month | Working Days | Lessons / Topics / Days |
|-----------|--------------------|---|
| June | 9 | (HORNBILL-THE PORTRAIT OF A LADY-(3P), A PHOTOGRAPH-(2P) NOTICE WRITING-(3P) FORMAL LETTER WRITING (APPLICATIONS)-3P GRAMMAR- DETERMINERS-2P) FORMAL LETTER (LETTER OF ENQUIRY, COMPLAINT, REPLY, PLACING ORDER AND CANCELLATION) - (4P) SNAPSHOTS-THE SUMMER OF THE BEAUTIFUL WHITE HORSE-(3P CLASS TEST LIT |
| July | 23 | HORNBILL- DISCOVERING TUT-(3P), LABOURNUM TOP-(2P), THE VOICE OF THE RAIN—(1P), CHILDHOOD-(2P), FATHER TO SON-(2P), GRAMMAR-MODALS—2P WE'RE NOT AFRAID TO DIE ...IF WE CAN ALL BE TOGETHER-(4P) SNAPSHOTS-RANGA'S MARRIAGE-(3P), ALBERT EINSTEIN AT SCHOOL-(3P), WRITING ADVERTISEMENTS (COMMERCIAL & CLASSIFIED)—5P, SPEECH AND DEBATE WRITING-(5P), GRAMMAR-(TENSE)- (5P), NOTE-MAKING-(2P), CLASS TEST WRITING |
| August | 23 | GRAMMAR (CLAUSES AND VOICE)—(8P), FORMAL LETTER (LETTER TO THE EDITOR, APPLICATION FOR JOB AND APPLICATION TO COLLEGE AUTHORITIES)-(5P), INVITATION AND REPLIES-(5P), CLASS TEST WRITING HORNBILL-THE ADVENTURE |
| September | 20 | GRAMMAR (DIRECT & INDIRECT SPEECH)-4P), PARAGRAPH EDITING OMISSION/MISSING WORD —(3P) FORMAL LETTER (LETTER TO THE EDITOR, APPLICATION FOR JOB, LETTER TO THE/APPLICATION TO SCHOOL PRINCIPAL AND COLLEGE AUTHORITIES)- (5P), INVITATION AND REPLIES- FORMAL(5P), POSTER —(4P) CLASS TEST GRAMMAR |
| October | 21 | SNAPSHOTS-MOTHER'S DAY-(4P), THE GHAT OF THE ONLY WORLD-(4P), BIRTH-(3P), THE TALE OF MELON CITY-(3P), THE ADDRESS-(3P) WRITING-GRAMMAR-(EDITING OF THE PASSAGES)-2P CLASS TEST LIT |
| November | 15 | HORNBILL- SILK ROAD -4P VERSION-(2P), THE ADVENTURE-(3P), GRAMMAR PRACTICE (FILL IN THE BLANKS)-3P CLASS TEST WRITING AND GRAMMAR |
| December | 20 | ARTICLE WRITING-(5P), REPORT WRITING-(5P), GRAMMAR PRACTICE (EDITING AND ERROR CORRECTION)- (5P), NOTE-MAKING PRACTICE-(2P) COMPETENCY BASED QUESTION PRACTICE FROM LIT AND READING |
| January | 21 | GRAMMAR-RE-ORDERING OF SENTENCES-(5P), TRANSFORMATION OF SENTENCES-(5P), WRITING- FORMAL LETTERS PRACTICE-5P SPEECH WRITING PRACTICE-3P |
| February | 20 | Revision & practice reading, writing and literature WRITING – DEBATE -4P, ARTICLE-4P , PRACTICE OF ADVERTISEMENTS & REPORT WRITING-4P GRAMMAR PRACTICE -4P, LONG QUESTION & ANSWER WRITING PRACTICE VALUE BASED (HORNBILL & SNAPSHOTS)-4P , ASL |
| MARCH | ANNUAL EXAM | |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS :CLASS – XI

Subject : Mathematics

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|--|
| APRIL | 11 | |
| MAY | 6 | |
| June | 9 | CH-1. SETS CH-6. LINEAR INEQUALITIES |
| July | 21 | CH-10. STRAIGHT LINES |
| August | 16 | CH-11. CONIC SECTIONS (Circle, Parabola, Ellipse, Hyperbola) CH-12. INTRODUCTION TO 3-DGEOMETRY |
| September | 20 | CH-3. TRIGONOMETRIC FUNCTIONS P.A-1 EXAMINATION |
| October | 14 | CH-9. SEQUENCE & SERIES |
| November | 12 | CH-5. COMPLEX NUMBERS & QUADRATIC EQUATIONS |
| December | 12 | CH-7. PERMUTATIONS & COMBINATIONS P.A-2 EXAMINATION |
| January | 12 | CH-8. BINOMIAL THEOREM |
| February | 12 | CH-2. RELATIONS & FUNCTIONS CH-13. LIMITS |
| March | 17 | CH-13. DERIVATIVES ANNUAL EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject : Physics

| Month | Working Day | Lesson | Activities | Life Skills |
|-------|-------------|---|--|--|
| June | 9 | Ch-1 ,Physical world and fundamental mathematics | | Able to be react positively under critical situations, copes with stress in an effective manner, Remains composed and collected in stressful situations. |
| July | 25 | Ch-2, Unit and Trigonometrical Function Differentiation | To determine surface tension of water by capillarytube method | Remains composed and collected in stressful situations, is sensitive towards the environment, is tolerant with diversity |
| Aug | 25 | Ch-3, Vector Integration Motion in Straight line (Ch-4) | To measure the cylinder of a diameter given by screw- gauge | Contributes frequently to group conversations, Exhibits good listening skills |
| Sep | 19 | Ch-5, Laws of motion Ch-6, Work energy and power P.A-1 EXAMINATION | To measure thickness of given sheet by screw-gauge. | Exhibits good listening skills, is able to make use of speech, action and expression while communicating |
| Oct | 19 | Ch-7, System of particles and rotational motion Ch-8, Gravitation | To measure diameter of small spherical body with the help of vernier calipers | Is able to make use of speech, action and expression while communicating, knows the difference between assertive, aggressive and submissive manners of communication |
| Nov | 24 | Ch-9, Mechanical properties of solids Ch-10, , Mechanical properties of fluids Ch-11, thermal properties of matters | To measure diameter of small cylindrical body withthe help of vernier calipers | Is able to interact effectively with peers and teachers, Ability to find creative and constructive solutions to problems and issues |
| Dec | 23 | Ch-12, Thermodynamics. Ch-13, Kinetic theory of gases Ch-14, Oscillations (CONTD....) | Find the time period of simple pendulum for different length of string | Ability to find creative and constructive solutions to problems and issues, can make independent judgement in crucial matters. HALF YEARLY EXAMINATION |
| Jan | 22 | Ch-14, Oscillations Ch-15, Waves P.A-2 EXAMINATION | To determine the weight orto different objects by beam balance. | Has fluency in expression, is independent in thinking, Assesses the statements and arguments, Examines the problems closely, Listens carefully and gives feedback, Tries to find out alternatives and solutions |
| Feb | 24 | Revision | To find the spring const ofhelical spring from load extension graph | Has fluency in expression, is independent in thinking, Assesses the statements and arguments, Examines the problems closely, Listens carefully and gives feedback, tries to find out alternatives and solutions. |
| Mar | 6 | ANNUAL EXAMINATION | | |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject : CHEMISTRY

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|--|
| APRIL | 17 | SOME BASIC CONCEPTS OF CHEMISTRY STRUCTURE OF ATOM |
| MAY | 12 | STRUCTURE OF ATOM |
| June | 07 | CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES |
| July | 23 | CHEMICAL BONDING AND MOLECULAR STRUCTURE |
| August | 19 | ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES/ HYDROCARBONS |
| September | 22 | STATES OF MATTER: GASES AND LIQUIDS STATES OF MATTER: GASES AND LIQUIDS P.A-1 EXAMINATION |
| October | 19 | S- BLOCK ELEMENTS P-BLOCK ELEMENTS |
| November | 15 | CHEMICAL THERMODYNAMICS / REDOX REACTIONS |
| December | 20 | EQUILIBRIUM UPTO/LE –CHATELIER'S PRINCIPLE / ENVIRONMENTAL CHEMISTRY HALF YEARLY EXAMINATION |
| January | 18 | Revision : ORGANIC CHEMISTRY P.A-2 EXAMINATION |
| February | 19 | Revision : inorganic / physical chemistry |
| March | | ANNUAL / BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject : Biology

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|---|
| APRIL | | |
| MAY | | |
| June | 07 | Chapter 1 the living world |
| July | 23 | chapter 8 cell the unit of life |
| August | 19 | chapter 2 biological classification chapter 3 plant Kingdom |
| September | 22 | Chapter 4 Animal Kingdom chapter 5 morphology of flowering plants P.A-1 EXAMINATION |
| October | 19 | Chapter 6 anatomy of flowering plants Chapter 7 structural Organisation in animals |
| November | 15 | Chapter 10 cell cycle and cell division Chapter 11 transport in plants |
| December | 20 | Chapter 12 mineral nutrition Chapter 13 photosynthesis in higher plants Chapter 14 respiration in plants HALF YEARLY EXAMINATION |
| January | 18 | chapter 15 plant growth and development Chapter 16 digestion and absorption chapter 17breathing and exchange of gases P.A-2 EXAMINATION |
| February | 19 | Chapter 18 body Fluids and circulation chapter 19 excretory products and their elimination Chapter 20 locomotion and movement |
| March | | chapter 9 biomolecules chapter 21 neural control and coordination chapter 22 chemical coordination and integration Revision ANNUAL / BOARD EXAMINATION |



Usha Martin World School, Patna

(Session : 2023-24)

SPLIT UP SYLLABUS :CLASS – XI

Subject : ACCOUNTANCY

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|---------------------------|---|
| JUNE | 09 | <p>Introduction to Accounting</p> <ul style="list-style-type: none"> • Accounting- concept, meaning, as a source of information, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business. <p>Basic Accounting Terms- Entity, Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)</p> <p>Theory Base of Accounting</p> <p>Fundamental accounting assumptions: GAAP: Concept Basic accounting concept : Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity</p> <ul style="list-style-type: none"> • System of Accounting. Basis of Accounting: cash basis and accrual basis • Accounting Standards: Applicability in IndAS • Goods and Services Tax (GST): Characteristics and Advantages. |
| JULY | 24 | <p>Recording of Business Transactions</p> <ul style="list-style-type: none"> • Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit. <p>Recording of Transactions: Books of Original Entry- Journal</p> |
| AUGUST | 20 | <ul style="list-style-type: none"> ➤ Special Purpose books: ➤ Cash Book: Simple, cash book with bank column and petty cashbook ➤ Purchases book ➤ Sales book ➤ Purchases return book ➤ Sales return book ➤ Journal proper <p>Note: Including trade discount, freight & cartage expenses for simple GST calculation.</p> <p>Ledger: Format, Posting from journal and subsidiary books, Balancing of accounts</p> |
| SEPTEMBER | 24 | <p>Bank Reconciliation Statement:</p> <ul style="list-style-type: none"> ➤ Need and preparation, Bank Reconciliation Statement <p>Depreciation, Provisions and Reserves</p> <ul style="list-style-type: none"> ➤ Depreciation: Meaning, Features, Need, Causes, factors ➤ Other similar terms: Depletion and Amortization ➤ Methods of Depreciation: ➤ Straight Line Method (SLM), ii. Written Down Value Method (WDV) <p>Note: Excluding change of method</p> <ul style="list-style-type: none"> ➤ Difference between SLM and WDV; Advantages of SLM and WDV ➤ Method of recoding depreciation:- Charging to asset account Creating provision for depreciation/accumulated depreciation account <p>P.A-1 EXAMINATION</p> |

| | | |
|----------|----|---|
| OCTOBER | 13 | <ul style="list-style-type: none"> ➤ Treatment of disposal of asset ➤ Provisions, Reserves, Difference between Provisions and Reserves. CONT..... |
| NOVEMBER | 21 | CONT..... <ul style="list-style-type: none"> ☐ Types of Reserves: <ul style="list-style-type: none"> i. Revenue reserve ii. Capital reserve iii. General reserve iv. Specific reserve v. Secret Reserve Difference between capital and revenue reserve REVISION & HALF-YEARLY EXAM |
| DECEMBER | 23 | Trial balance and Rectification of Errors <ul style="list-style-type: none"> • Trial balance: objectives, meaning and preparation (Scope: Trial balance with balance method only) • Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance. • Detection and rectification of errors; <ul style="list-style-type: none"> (i) Errors which do not affect trial balance (ii) Errors which affect trial balance (iii) preparation of suspense account. HALF YEARLY EXAMINATION |
| JANUARY | 22 | Financial Statements Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet: need, grouping and marshalling of assets and liabilities. Preparation. Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments. P.A-2 EXAMINATION |
| FEBRUARY | 22 | REVISION WORK. |
| MARCH | | BOARD EXAMINATION |



Usha Martin World School, Patna

(Session : 2022-23)

SPLIT UP SYLLABUS : CLASS – XI

Subject :- Business Studies

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|---------------------------|---|
| APRIL | 17 | Chapter-1-Concept and characteristics of business—Business ,profession and employment-meaning , objectives –classification of business activities, |
| MAY | 12 | Continued ,Industries -types, meaning-Commerce -trade-types meaning business risk-nature and Causes. |
| June | 07 | Chapter:-I revision recognitions and reinterpretation of the topics .Correction of vacation Homework. |
| July | 23 | Chap -2. Forms of Business— Sole proprietorship, ,Joint Hindu family business, Cooperative Society, Joint stock company,--choice -formation of company- starting a business. Chap -3. Public, Private and Global Enterprises-type, forms, Changing roles -MNC –PPP |
| August | 19 | Chap -4. Business Services –Nature, Types, Banking , e-banking, Insurance, Communication Services. Chap -5. Emerging Modes of business-e-business – concept benefits, limitations, Online transactions- Security Measures to secure safe transaction. |
| September | 22 | Chap-6 Social Responsibility of Business and Business Ethics -Concept ,Need Kinds Responsibilities towards different groups P.A-1 EXAMINATION |
| October | 19 | Continued chapter 6 -Business environment and Protection. Business Ethics Chap-7 .Sources of Business Finance- concept, classification, sources -retained earnings, |
| November | 15 | Shares, trade credit, factoring, Lease, Deposit, Commercial papers, Debentures, Commercial Banks Financial Institutions -Factors affecting raising of funds . |
| December | 20 | Chap -8. Small Business-MSMED ACT –meaning, Nature-Administrative Set up – Role Government Assistance, Institutions and Schemes, Problems, Futures. HALF YEARLY EXAMINATION |
| January | 18 | Chap- 9. Internal Trade -Wholesale Retail trade types of retail trade .Role of Indian chamber Of Commerce, Documentation for trade. Chap- 10. International Trade – concept, features, characteristics, advantages, problems .Exports Imports Documentation and WTO. P.A-2 EXAMINATION |
| February | 19 | Revision Project preparation. |
| March | | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session :2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject : Economics

| Month | Working Days (Approx.) | Lessons/Topic |
|-----------|------------------------|--|
| April | | |
| may | | |
| June | 07 | (MICRO ECONOMICS) CHAPTER 1 :- MEANING OF MICRO AND MACRO ECONOMICS (MICRO ECONOMICS) CHAPTER 3 :- PRODUCERS BEHAVIOUR AND SUPPLY |
| July | 23 | (MICRO ECONOMICS) CHAPTER 3 :- PRODUCERS BEHAVIOUR AND SUPPLY & CHAPTER 4 :- FORMS OF MARKET |
| August | 19 | (STATISTICS) CHAPTER 1 :- CONCEPT OF ECONOMICS AND SIGNIFICANCE OF STATISTICS IN INDIA (MICRO ECONOMICS) CHAPTER 2 :- CONSUMER BEHAVIOUR AND DEMAND ELASTICITY CHAPTER 2 :- COLLECTION OF DATA |
| September | 22 | (STATISTICS) CHAPTER 3 :- CENSUS AND SAMPLE METHOD OF COLLECTION OF DATA CHAPTER 4 :- ORGANISATION OF DATA P.A-1 EXAMINATION |
| October | 19 | (STATISTICS) CHAPTER 5 :- PRESENTATION OF DATA – TEXTUAL AND TABULAR PRESENTATION CHAPTER 6 :- DIAGRAMMATIC PRESENTATION |
| November | 15 | (STATISTICS) CHAPTER 7 :- FREQUENCY DIAGRAM (HISTOGRAM, POLYGON, OGIVE) CHAPTER 8 :- AIRTHMETIC LINE – GRAPH OR TIME SERIES CHAPTER 9 :- MEASURES OF CENTRAL TENDENCY (MEAN) |
| December | 20 | (STATISTICS) CHAPTER 10 :- MEASURES OF CENTRAL TENDENCY (MEDIAN & MODE) CHAPTER 11 HALF YEARLY EXAMINATION |
| January | 18 | (STATISTICS) CHAPTER 12 :- CORRELATION (STATISTICS) CHAPTER 13 :- INDEX NUMBERS P.A-2 EXAMINATION |
| February | 19 | REVISION WITH CBSE SAMPLE QUESTION PAPERS |
| March | | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session :2023-24)

SPLIT UP SYLLABUS :CLASS – XI

Subject : HISTORY

| MONTH | WORK-ING DAYS | LESSION |
|-----------|---------------|--|
| JUNE | 07 | BOOK – Themes In World History Section:-1 Theme:-2 Writing & Clay life |
| JULY | 23 | BOOK – Themes In World History Section:-1 Theme:-2 Writing & Clay Life Section:-2 Theme:-3 An Empire Across Three Continents |
| AUGUST | 19 | BOOK – Themes In World History Section:-2 Theme:-5 Nomadic Empires |
| SEPTEMBER | 22 | BOOK – Themes In World History Section:-2 Theme:-5 Nomadic Empires P.A-1 EXAMINATION |
| OCTOBER | 19 | BOOK – Themes In World History Section:-3 Theme:-6 The Three Orders |
| NOVEMBER | 15 | BOOK – Themes In World History Section:-3 Theme:-7 Changing Cultural traditions |
| DECEMBER | 20 | BOOK – Themes In World History Section:-4 Theme:-10 Displacing Indigenous peoples HALF YEARLY EXAMINATION |
| JANUARY | 18 | BOOK – Themes In World History Section:-4 Theme:-10 Displacing Indigenous Peoples Section:-4 Theme:-11 Paths to Modernization P.A-2 EXAMINATION |
| FEBRUARY | 19 | Revision |
| MARCH | | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session :2023-24)

SPLIT UP SYLLABUS :CLASS – XI

Subject : GEOGRAPHY

| MONTH | WORKING DAYS (APROX.) | LESSON/TOPIC |
|-----------|-----------------------|---|
| JUNE | 07 | Book –(1) - Fundamentals Of Physical Geography UNIT-1 Chapter:-1 Geography as a discipline |
| JULY | 23 | Book –(1) - Fundamentals Of Physical Geography UNIT-2 Chapter:-2 The Origin & Evolution of the Earth Chapter:-3 Interior Of The Earth Book- (2) - India Physical Environment UNIT- 1 Chapter:-1 India – Location Book- (3) - Practical Work In Geography (Part – 1) Chapter:-1 Introduction to Maps |
| AUGUST | 19 | Book – (1) - Fundamentals Of Physical Geography UNIT-2 Chapter:-4 Distribution of Oceans & Continents UNIT-3 Book- (2) - India Physical Environment UNIT – 2 Chapter:-2 Structure & Physiography Book- (3) Practical Work In Geography (Part – 1) Chapter:-2 Map Scale |
| SEPTEMBER | 22 | Book – (1) Fundamentals Of Physical Geography UNIT-3 Chapter-6 Geomorphic Processes Book- (2) - India Physical Environment UNIT-2 Chapter:-3 Drainage System Book- (3) - Practical Work In Geography (Part – 1) Chapter-3 Latitude, Longitude & Time P.A-1 EXAMINATION |
| OCTOBER | 19 | Book – (1) - Fundamentals Of Physical Geography UNIT-3 Chapter:-7 Landforms & their Evolution Book- (3) - Practical Work In Geography (Part – 1) Chapter:-4 Map Projections |
| NOVEMBER | 15 | Book –(1) - Fundamentals Of Physical Geography UNIT-4 Chapter:-8 Composition & Structure Of Atmosphere Chapter:-9 Solar Radiation, Heat Balance & Temperature Chapter:-10 Atmosphere Circulation & Weather Systems Book-(2) - India Physical Environment UNIT – 3 Chapter:-4 Climate Book-(3) - Practical Work In Geography (Part – 1) Chapter:-5 Topographical Maps |

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| DECEMBER | 20 | Book –(1) - Fundamentals Of Physical Geography UNIT-4 Chapter:-11 Water in the Atmosphere Chapter:-12 World Climate & Climate Change UNIT-5 Chapter:-13 Water (Oceans) Book-(2) - India Physical Environment UNIT – 3 Chapter:-5 Natural Vegetation HALF YEARLY EXAMINATION |
| JANUARY | 18 | Book –(1) - Fundamentals Of Physical Geography UNIT-5 Chapter:-14 Movements of Ocean Water Chapter:-16 Biodiversity & Conservation Book-(2) - India Physical Environment Book-(3) - Practical Work In Geography (Part – 1) Chapter:-7 Introduction to Remote Sensing P.A-2 EXAMINATION |
| FEBRUARY | 19 | Book –(1) - Fundamentals Of Physical Geography Revision Book-(2) - India Physical Environment UNIT – 4 Chapter:-7 Natural Hazards & Disasters & Revision REVISION |
| MARCH | | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject: POLITICAL SCIENCE

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|--|
| June | 10 | Introduction to political theory, Making of the constitution |
| July | 24 | Fundamental rights , Freedom |
| August | 20 | Equality , Rights, |
| September | 24 | System of Representational Democracy, Social justice , Constitution as a living document P.A-1 EXAMINATION |
| October | 13 | Citizenship, Executive in a parliamentary system |
| November | 21 | Legislature at the central and state level, Judiciary |
| December | 23 | Citizenship, Nationalism , Secularism HALF YEARLY EXAMINATION |
| January | 22 | Federalism , Local Government, P.A-2 EXAMINATION |
| February | 22 | Political philosophy underlying the constitution |
| March | Revision | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session :2023-24)

SPLIT UP SYLLABUS :CLASS – XI

Subject : Computer science

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|--|
| APRIL | | |
| MAY | | |
| June | 07 | Getting started with Python |
| July | 23 | Python Fundamentals, Data handling, Conditional and iterative statements |
| August | 19 | String Manipulation, Debugging Programs, List manipulation |
| September | 22 | Tuples, Dictionaries, Understanding Sorting P.A-1 EXAMINATION |
| October | 19 | Computer system overview, Data Representation, Boolean Logic, Insight into Program Execution. |
| November | 15 | Relational Database, Simple Queries in SQL, Table creation and data manipulation commands |
| December | 20 | Table Joins and Indexes in SQL, Basics of NoSQL database- Mongo DB HALF YEARLY EXAMINATION |
| January | 18 | Cyber Safety, Online Access and computer security P.A-2 EXAMINATION |
| February | 19 | Revision |
| March | | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject: PAINTING (049)

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|---|
| APRIL | 17 | UNIT 1 INTRODUCTION OF ART. Set 1 day 1-5 Introduction of art Set 2 day 1-5 Sadanga, elements of art, principal of art ,form,space, set 3day 1_7 colour, Sketching |
| MAY | 12 | UNIT 2 PRE -HISTORIC ROCK PAINTING part 1 Set 4 day 1-5 introduction, location, Set 5 day 1-5 different periods Set 6 day 1_2 practice of drawing |
| June | 07 | UNIT 3 part 1 BUDDHIST,JAIN AND HINDU ART. Part 1 Set 6. Day 1-7 introduction . Features. |
| July | 23 | Unit 3 Set 7 day 1-5 study of different sculptures, Set 8 day 1-5 Part 2 AJANTA PAINTING – introduction Set 9 day 1-5 characteristics, different painting and sculpture details. Set 10 day 1-5 study Set 11 day 3 water colour |
| August | 19 | UNIT 3 part 1 TEMPLE ART,SCULPTURES,BRONZE AND ARTISTIC ASPECT OF INDO-ISLAMIC ARCHITECTURE Set 12 day 1-5 introduction, temple art techniques. Set 13 day 1-5 konark, Mahabalipuram,khajuraho, Trimurti. Set 14 day 1-5 Bronze sculpture,kailash temple. Set 15 day 1-4 study of design, composition |
| September | 22 | Unit 3 part 2 INDO-ISLAMIC ARCHITECTURE Set 16 day 1-5 introduction, features. Set 17 day 1-5 tajmahal , kutubminar,golgumbaj. Set 18 day 1-5 knowledge of different mediums. Set 19 day 1-5. Composition P.A-1 EXAMINATION |
| October | 19 | Set 20 day 1-5 colour collage. Set 21 day 1-5 Nature study Set 22 day 1-4. Study of Negative and positive composition |
| November | 15 | Set 23 day 1-5 oil pastel study Set 24 day 1-5 human anatomy study Set 25 day 1-5 arrangement of figure . |
| December | 20 | Set 26 day 1-5 Line drawing. Set. 27day 1-5 dot painting Set 28 day 1-5 water colouring Set 29 day 1-5 study HALF YEARLY EXAMINATION |
| January | 18 | Set 30 day 1-5 sketching (pencil) Set 31 day 1-5 sketching (pencil colour) Set 32 day 1-7 study P.A-2 EXAMINATION |
| February | 19 | Revision |
| March | | BOARD EXAMINATION |



USHA MARTIN WORLD SCHOOL, PATNA

(Session : 2023-24)

SPLIT UP SYLLABUS : CLASS – XI

Subject: PHYSICAL EDUCATION (048)

| MONTH | Working Days (Approx.) | LESSONS / TOPICS |
|-----------|------------------------|---|
| JUNE | 7 | <p>Unit I Changing Trends & Career in Physical Education</p> <ul style="list-style-type: none"> ● Concept, Aims & Objectives of Physical Education ● Changing Trends in Sports- playing surface, wearable gears and sports equipment, technological advancements ● Career Options in Physical Education ● Khelo-India and Fit-India Program |
| JULY | 23 | <p>Unit II Olympism</p> <ul style="list-style-type: none"> ● Ancient and Modern Olympics ● Olympism – Concept and Olympics Values (Excellence, Friendship & Respect) ● Olympics - Symbols, Motto, Flag, Oath, and Anthem ● Olympic Movement Structure - IOC, NOC, IFS, Other members <p>Unit III Yoga</p> <ul style="list-style-type: none"> ● Meaning & Importance of Yoga ● Introduction to Ashtanga Yoga ● Introduction to Yogic Kriyas (Shat Karma) |
| AUGUST | 19 | <p>Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)</p> <ul style="list-style-type: none"> ● Concept of Disability and Disorder ● Types of Disability, its causes & nature (Intellectual disability, Physical disability) ● Aim & Objective of Adaptive Physical Education ● Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator) |
| SEPTEMBER | 22 | <p>Unit V Physical Fitness, Health and Wellness</p> <ul style="list-style-type: none"> ● Meaning and Importance of Wellness, Health and Physical Fitness ● Components/Dimensions of Wellness, Health and Physical Fitness ● Traditional Sports & Regional Games for promoting wellness <p>Unit VI Test, Measurement & Evaluation</p> <ul style="list-style-type: none"> ● Concept of Test, Measurement & Evaluation in Physical Education & sports. <p>Components of Diet</p> <p>P.A-1 EXAMINATION</p> |
| | | <ul style="list-style-type: none"> ● Classification of Test in Physical Education and Sports. ● Test administration guidelines in physical education and sports <p>Unit VII Fundamentals of Anatomy, Physiology in Sports</p> |

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| OCTOBER | 19 | <ul style="list-style-type: none"> ● Definition and Importance of Anatomy and Physiology in exercise and sports ● Functions of Skeletal system, classification of bone and types of joints. ● Function and Structure of Circulatory system and heart. ● Function and Structure of Respiratory system. |
| NOVEMBER | 15 | <p>Unit VIII Fundamentals of Kinesiology and Biomechanics in Sports</p> <ul style="list-style-type: none"> ● Definition and Importance of Kinesiology and Biomechanics in sports ● Principles of Biomechanics ● Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation ● Axis and Planes – Concept and its application in body movements |
| DECEMBER | 20 | <p>Unit IX Psychology & Sports</p> <ul style="list-style-type: none"> ● Definition & Importance of Psychology in Physical Education & Sports ● Adolescent Problems & Their Management ● Team Cohesion and Sports <p>HALF YEARLY EXAMINATION</p> |
| JANUARY | 18 | <p>Unit X Training and Doping in Sports</p> <ul style="list-style-type: none"> ● Concept and Principles of Sports Training ● Training Load: Over Load, Adaptation, and Recovery ● Concept of Doping and its disadvantages <p>P.A-2 EXAMINATION</p> |
| FEBRUARY | | REVISION |
| MARCH | | BOARD EXAMINATION |