

ARTIFICIAL INTELLIGENCE

- DEC. : Part – B : Unit – VIII : Regression
JAN. : Part – B : Unit – IX : Classification and Clustering
FEB. : Part – B : Unit – X : AI Values, Revision

PHYSICAL EDUCATION

- DEC. : Unit : 9. Psychology and Sports
JAN. : Unit : 10. Training and Doping in Sports +Practical
FEB. : Revision for Annual Exams. +Practicals

YOGA

- DEC. : Specific Skills : Unit 3 : Yoga for Health Promotion – I (contd...)
Employability Skills : Unit 5 : Green Skills – III
JAN. : Specific Skills : Unit 3 : Yoga for Health Promotion – I Practical
FEB. : Revision for Annual Examination and Practical

FINE ART (PAINTING)

- DEC. : Indian Bronze Art
Practical : Still Life - 1 work, Portfolio
JAN. : Temple Architecture and sculpture, Indo-Islamic Architecture
Practical : Still Life - 1 Work, Composition - 2 Work
FEB. : Revision
Practical : Final Portfolio

HINDUSTANI VOCAL MUSIC

- DEC. : Unit 5.1 Critical study of Prescribed Ragas along with Recognizing Ragas from phrases of Swaras and elaborating them excluding
Practicals - 6. Recitation of the Thekas of Teentala, Chautala and Ektala with Dugun and Chaugun, keeping Tala with hand beats.(contd...)
JAN. : Unit 5.2 Writing in Notation the compositions of Prescribed Ragas, Bihag
Bhimpalasi Bhairavi
Practicals - 6. Recitation of the Thekas of Teentala, Chautala and Ektala with Dugun and Chaugun, Keeping Tala with hand beats.(contd...)
FEB. : Stamping, Revision of Annual Examinations and Practical

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• This Syllabus can be downloaded from our school website : www.lps-lpc.org



COURSE FOR CLASS XI (CBSE) : 2024-25

HALF YEARLY EXAMINATION

HINDI

- APRIL : आरोह : गद्य खण्ड : नमक का दारोगा
काव्य खण्ड: मीरा-प्रथम पद
MAY : आरोह : गद्य खण्ड : गलता लोहा
काव्य खण्ड: कबीर-प्रथम पद
JUNE : व्याकरण: जनसंचार माध्यम
JULY : आरोह : गद्य खण्ड : नमक का दारोगा, गलता लोहा
काव्य खण्ड: कबीर, मीरा (प्रथम पद)
व्याकरण: जनसंचार माध्यम (सभी पाठों की पुनरावृत्ति)
आरोह : गद्य खण्ड : मियाँ नसीरुद्दीन
काव्य खण्ड: शब्द कोष, सन्दर्भ ग्रन्थों की उपयोगी विधि और परिचय, अपठित गद्यांश, अपठित पद्यांश, रचनात्मक लेखन (फीचर लेखन, आलेख लेखन, अनुच्छेद)
AUG. : आरोह : गद्य खण्ड : जामुन का पेड़
वितान : भारतीय गायिकाओं में बेजोड़-लता मंगेशकर
व्याकरण: कार्यालयी लेखन और प्रक्रिया
SEPT. : व्याकरण: पत्र लेखन, पुनरावृत्ति, परियोजना कार्य
मीरा पाठ के आधार पर (मीरा की भक्ति) (फाइल)

ENGLISH

- APRIL : Hornbill : The Portrait of A Lady
Reading : Comprehension
Grammar : Tenses, Transformation (Voice)
MAY : Snapshots: The Summer of The Beautiful White Horse
Reading : Comprehension (Case Based)
Grammar : Clauses, Transformation (Narration)
JUNE : Hornbill : A Photograph
Grammar : Reordering, Transformation (Degrees of Comparison)
JULY : Hornbill : The Portrait of A Lady (Revision), A Photograph (Revision)
Snapshots: The Summer of The Beautiful White Horse (Revision)
Reading : Note making, Comprehension
Grammar : Transformation (Affirmative and Negative)
C.W.S. : Advertisement (Classified), Notice Writing
AUG. : Hornbill : We're Not Afraid To Die . . . If We Can All Be Together, Childhood
Snapshots: Ranga's Marriage, The Address
Grammar : Re-ordering (Revision)
C.W.S. : Poster, Speech, Debate, Article, Report
SEPT. : Hornbill : Landscape of the Soul, Problem Solving, Revision and ALS

MATHEMATICS

- APRIL** : Sets
MAY : Relations and Functions, Linear Inequalities (to be contd...)
JUNE : Linear Inequalities, **Revision**
JULY : Trigonometric Functions, Complex Numbers and Quadratic Equations (contd...)
AUG. : Complex Numbers and Quadratic Equations, Limits and Derivatives, Statistics (contd...)
SEPT. : Statistics, **Revision**

PHYSICS

- APRIL** : **Theory** : Units and Measurement
MAY : **Theory** : Motion in a Plane (Vector Analysis), Mathematical Tools, Motion in a straight line
JUNE : **Theory** : Revision of Vector Analysis and Mathematical Tools
JULY : **Theory** : Motion in a plane (Remaining part), Law of motion
Practical : (1) To measure the diameter of a spherical or cylindrical body by using Vernier Callipers.
(2) To measure diameter of a given wire by using Screw gauge.
AUG. : **Theory** : Work, Energy and Power, System of particles and rotational motion
Practical : (3) To determine the weight of given body by using law of parallelogram of vectors.
(4) To determine the force constant of a helical spring by graphical method.
Activity : (1) To make a paper scale of given least count e.g. 0.2 cm, 0.5 cm.
(2) Plot a graph for a given set of data with proper choice of scale and error bars.
SEPT : **Activity** : (3) To measure the force of limiting friction for rolling of a roller on a horizontal plane. **Revision**

CHEMISTRY

- APRIL** : Redox Reactions
MAY : Classification of Elements and Periodicity in properties including Electronic configuration. according to s, p, d, f (up to z = 30)
JUNE : Revision of Redox Reactions and Classification of Element and Periodicity of Properties
Practical : 1. Basic Laboratory Techniques,
2. Determination of M.P. & B.P.
JULY : Some Basic Concepts of Chemistry
Structure of Atom (to be contd...)
Practical : '0' Group.
AUG. : Structure of Atom, Chemical Bonding and Molecular Structure
Practical : $\text{Na}_2\text{CO}_3 + \text{HCl}$ Titration
SEPT. : **Revision and Practical** : First group

ACCOUNTANCY

- DEC.** : Rectification of Errors
JAN. : Accounts from Incomplete Records
Revision of Annual Exam Syllabus
FEB. : **Revision of Annual Exam Syllabus**

BUSINESS STUDIES

- DEC.** : International Business (to be contd...)
JAN. : International Business, **Revision**
FEB. : **Revision for Annual Exams.**

ECONOMICS

- DEC.** : Correlation, Forms of Market (to be contd..)
JAN. : Forms of Market, Market Equilibrium, Index Number
FEB. : **Revision for Annual Exams.**

HISTORY

- DEC.** : Ch. 7. Paths to Modernization
JAN. : Ch. 7. Paths to Modernization (contd...)
FEB. : **Revision and Map Work**
Project : An Empire Across and Three Continents

OR

Renaissance Movement in Europe

GEOGRAPHY

- DEC.** : **Fundamental of Phy. Geog.** : Ch. 12. Water (Oceans)
India : Phy. Environ : Ch. 7. Natural Hazards and Disasters
JAN. : **Fundamental of Phy. Geog.** : Ch. 13. Movements of Ocean Water,
Ch. 16. Biodiversity and Conservation
Practical Work : Ch. 5. Topographical Maps
FEB. : **Practical Work + Revision and Map Work**
(Physical Map of World & India)

POLITICAL SCIENCE

- DEC.** : **Political Theory** : Ch. 6. Citizenship
JAN. : **Indian Const. at Work** : Ch. 7. Federalism Ch. 8. Local Governments
FEB. : **Political Theory** : Ch. 7. Nationalism, Ch. 8. Secularism, **Revision**
Project : 1. The Indian Constitution
2. The Indian Judiciary System

PSYCHOLOGY

- DEC.** : Ch. 7. Thinking
JAN. : Ch. 8. Motivation and Emotion (cont...)
FEB. : Ch. 8. Motivation and Emotion and **Revision**

FEB. : **Revision of Tenses**, Transformation, Clauses and Re-ordering; ALS Practice of Comprehension passages and Class Test will be held every month
Practice of Note Making will be done for each chapter from Hornbill and Snapshots. **Revision and Problem solving**

MATHEMATICS

DEC : Permutations and Combinations, Binomial Theorem (cont...)
JAN. : Binomial Theorem, Introduction to Three Dimensional Geometry, Probability (cont...)
FEB. : Probability, **Revision**

PHYSICS

DEC. : **Theory** : Kinetic theory of gases
Activity : (5) To observe the decrease in pressure with increase in velocity of the liquid.
JAN. : **Theory** : Oscillations, Waves.
Practical : (7) To study the relationship between length and frequency of a given wire for constant tension.
(8) To find the speed of sound in air at room temperature by using Resonance tube.
Activity : (6) To study effect of detergent upon surface tension by capillary tube.

FEB. : **Revision for Annual Exams.**

CHEMISTRY

DEC. : **Equilibrium** : Ionic Equilibrium (to be contd...)
Practical : Salt analysis III Group
JAN. : Equilibrium (contd...), Thermodynamics
Practical : IV and V Group
FEB. : **Revision** **Practical** : Salt Analysis VI Group

BIOLOGY

DEC. : **Theory** : Ch. 11. Photosynthesis
JAN. : **Theory** : Ch. 12. Respiration in plants
Ch. 13. Growth and Development in plants
Practical : 16. Separation of plant pigments through paper chromatography.
17. Study of rate of respiration in floral buds and seeds.

FEB. : **Theory** : **Revision**

COMPUTER SCIENCE

DEC. : Practical file programming, Cyber Safety
JAN. : Online Access and Computer Security, Society Law and ethics,
Project work
FEB. : **Project Work (contd...), Revision**

BIOLOGY

APRIL : **Theory** : Ch. 8. Cell : The unit of life
Practical : 1. Study of Microscope and its parts
MAY : **Theory** : Ch. 14. Breathing and Exchange
Ch. 15. Body Fluids and circulation
Practical : 2. Study of osmosis by potato osmometer.
3. Study of plasmolysis in epidermal peel.
JUNE : **Theory** : Ch. 16. Excretion
Practical : 4, 5, 6, 7 - Tests for the presence of urea, sugar, Albumin and bile salts in urine.
JULY : **Theory** : Ch. 17. Locomotion and movement
Ch. 18. Neural control and coordination
Ch. 19. Chemical coordination
Practical : 8. Study and Identification of human bones and joints.
9. Test for the presence of glucose sucrose, starch, proteins and fats in the given animals / plant material.
AUG. : **Theory** : Ch. 1. The Living World, Ch. 10. Cell : Cycle and cell division
Ch. 2. Biological Classification
Ch. 3. Plant Classification (contd..)
Practical : 10. Study of plant specimens- bacteria, spirogyra, Mushroom, Yeast, Moss, Fern, Thuja, Pinus, Lichens, 1 monocot and 1 dicot plant.

SEPT. : **Theory** : Plant Classification +**Revision**

COMPUTER SCIENCE

APRIL : Computer System Overview-Introduction, Computer Components
MAY : Computer System Overview - Basic Computer Organization
JUNE : Computer System Overview-Mobile System Organization, Types of Software
JULY : Data Representation and Boolean Logic
AUG. : Introduction to Problem Solving, Getting Started with Python, Python Fundamentals, Data Handling, Flow of Control
SEPT. : Flow of control (contd...), **Revision**

ACCOUNTANCY

APRIL : Meaning and Objectives, Scope and Nature of Accounting, Basic Accounting Terms, Accounting Equations,
MAY : Books of Original Entry-Cash Book, Accounting Principles
JUNE : Process and Bases of Accounting, Accounting Standards, Double Entry System
JULY : Origin of Transactions : Source Documents of Accountancy, Books of Original Entry -Journal
AUG. : Accounting for goods and services Tax (GST) Books of Original Entry -special purpose subsidiary books. Ledger, Trial Balance and Errors, Bank reconciliation statement
SEPT. : **Revision of Half Yearly Syllabus.**

BUSINESS STUDIES

- APRIL** : Evolution and Fundamentals of Business
MAY : Forms of Business Organisation
JUNE : Public, Private and Global Enterprises (contd...)
JULY : Public, Private and Global Enterprises, Business Services
AUG. : Emerging modes of Business, Social Responsibility and Business Ethics, **Revision**
SEPT. : **Revision**

ECONOMICS

- APRIL** : Economics and Economy, Central Problems of an Economy (contd...)
MAY : Central Problems of an Economy
Concept of Economics and significance of statistics in Economics
JUNE : Collection of Data (census and sample method)
JULY : Consumer's Equilibrium, Theory of Demand, Elasticity of Demand, Organisation of Data
AUG. : Presentation of Data (Textual and Tabular Presentation, Diagrammatic Presentation of data, Frequency Diagrams, Arithmetic line-graphs, Measures of Central Tendency (Mean)
SEPT. : **Revision**

HISTORY

- APRIL** : Ch. 1. Writing and City Life
MAY : Ch. 2. An Empire Across Three Continents (Introduction)
JUNE : Ch. 2. An Empire Across Three Continents (contd..)
Revision +Map Work
JULY : Ch. 3. Nomadic Empires
AUG. : Ch. 4. The Three Orders
SEPT. : **Revision**

GEOGRAPHY

- APRIL** : **Fundamentals of Phy. Geog.** : Ch. 1. Geography As a Discipline
Ch. 2. The Origin and Evolution of the Earth
MAY : **Fundamental of Phy. Geog.** : Ch. 3. Interior of The Earth
India : Phy. Environ. : Ch. 1. India-Location
JUNE : Ch. 2. Structure and Physiography
JULY : **Fundamentals of Phy Geog.** : Ch. 4. Distribution of Oceans and Continents Ch. 5. Geomorphic Processes
India : Physical Environment : Ch. 3. Drainage System
Practical Work : Ch. 1. Introduction to Maps Ch. 2. Map Scale
AUG. : **Fundamental of Phy. Geog.** : Ch. 6. Landform and their Evolution
India : Physical Environment : Ch. 4 . Climate
Practical Work : Ch. 3. Latitude, Longitude and Time
Revision+Map Work (Physical Map of World & India)
SEPT. : **Revision**

PHYSICAL EDUCATION

- OCT.** : **Unit – 8** : Fundamentals and kinesiology and Biomechanics in sports
Unit – 3 : Yoga
NOV. : **Unit – 6** : Test Measurement and Evaluation **+Practical**
Revision for MCQ Examination
DEC. : **Revision for MCQ Exams.**

YOGA

- OCT** : **Employability Skills : Unit 3** : ICT Skills – III **Practical**
NOV. : **Employability Skills : Unit 4** : Entrepreneurial Skills – III **Practical**
DEC. : **Revision for MCQ Exams.**

FINE ART (PAINTING)

- OCT.** : Buddhist Art (Ch. 4), Jain Art
Practical : Still Life -2 Work, Composition -2 work, Portfolio
NOV. : Hindu Art, Later Mural Traditions
DEC. : **Revision, Portfolio**

HINDUSTANI VOCAL MUSIC

- OCT.** : **Unit 4.1** Description of Prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun ☐ Teentala ☐ Ektala ☐ Chautala
Practical : 4. One Devotional Songs.
NOV. : **Unit 4.2** Knowledge of the Structure of Tanpura
Practical : 5. Ability to recognize the prescribed Ragas from the phrases of Swaras rendered by the Examiner.
DEC. : **Revision of MCQ Examination**

ANNUAL EXAMINATION

HINDI

- DEC.** : **आरोह** : **गद्य खण्ड:** विदाई सम्भाषण
व्याकरण : डायरी लेखन की कला
JAN. : **आरोह** : **गद्य खण्ड:** रजनी
काव्य खण्ड: आओ मिलकर बचाएँ, चम्पा काले-काले . . . , सबसे खतरनाक
व्याकरण : कथा-पटकथा, रचनात्मक लेख
FEB. : **व्याकरण** : स्ववृत्त लेखन, रोजगार सम्बन्धी आवेदन पत्र
मौखिक परीक्षण, परियोजना कार्य-वृक्ष लगाओ धरा बचाओ (फाइल)
(सम्पूर्ण पाठ्यक्रम की पुनरावृत्ति)

ENGLISH

- Discussion of MCQ Paper**
DEC. : **Hornbill** : The Ailing Planet . . . , The Voice of The Rain
Snapshots: Birth
Grammar : Clauses (Revision)
C.W.S. : Business Letters (Inquiry, Response to Inquiry, Placing Orders, Complaints, Apology), Letter to School Authority
JAN. : **Hornbill** : Discovering Tut . . . , The Browning Version
Snapshots: The Tale of Melon City
C.W.S. : Job Application

COMPUTER SCIENCE

- OCT.** : String Manipulation, List Manipulation
NOV. : Tuples, Dictionaries
DEC. : **Revision**

ACCOUNTANCY

- OCT.** : Provisions and Reserves, Depreciation, Capital and Revenue, Financial Statements
NOV. : Financial Statements with adjustments, **Revision of MCQ Syllabus**
DEC. : **Revision of MCQ Syllabus**

BUSINESS STUDIES

- OCT.** : Sources of Business Finance, Small business enterprises (contd..)
NOV. : Small business enterprises, Internal and Domestic Trade
DEC. : **Revision for MCQ Exams.**

ECONOMICS

- OCT.** : Measures of Central Tendency (Median and Mode), Production Function, Cost, Revenue, Producer's Equilibrium
NOV. : Theory of Supply and Elasticity of supply, Revision
DEC. : **Revision for MCQ Exams.**

HISTORY

- OCT.** : Ch. 5. Changing Cultural Traditions
NOV. : Ch. 6. Displacing Indigenous Peoples
DEC. : **Revision**

GEOGRAPHY

- OCT.** : **Fundamentals of Phy. Geog.** : Ch. 7. Composition and Structure of Atmosphere Ch. 8. Solar Radiation, Heat Balance and Temperature
Ch. 9. Atmospheric Circulation and Weather Systems
India : Physical Environment : Ch. 5. Natural Vegetation
NOV. : **Fundamental of Phy. Geog.** : Ch. 10. Water in the Atmosphere
Ch. 11. World Climate and climate change
Practical Work : Ch 4. Map Projections
DEC. : **Revision**

POLITICAL SCIENCE

- OCT** : **Indian Const. at Work** : Ch. 5. Legislature
Political Theory : Ch.4. Social Justice
NOV. : **Indian Const. at Work** : Ch. 6. Judiciary
Political Theory : Ch. 5. Rights
DEC. : **Revision**

PSYCHOLOGY

- OCT** : Ch. 5. Learning
NOV. : Ch. 6. Human Memory
DEC. : **Revision + Project** : (Learning)

ARTIFICIAL INTELLIGENCE

- OCT** : **Part – B : Unit – VII** : Data Analysis
NOV. : **Part – B : Unit – V** : Introduction to Storytelling
DEC. : **Revision**

POLITICAL SCIENCE

- APRIL** : **Indian Const. at Work** : Ch. 1. Constitution Why and How ?
MAY : **Indian Const. at Work** : Ch. 2. Rights in the Indian Constitution
Political Theory : Ch. 1. An Introduction
JUNE : **Indian Const. at Work** : Ch. 2. Rights in the Indian Constitution (contd...)
JULY : **Indian Const. at Work** : Ch. 3. Election and Representation
Political Theory : Ch. 2. Freedom
AUG. : **Indian Const. at Work** : Ch. 4. The Executive
Political Theory : Ch. 3. Equality
SEPT. : **Revision and Project Work**

PSYCHOLOGY

- APRIL** : Ch. 1. What is Psychology ?
MAY+JUNE : Ch. 2. Methods of Enquiry in Psychology
JULY : Ch. 3. Human Development
AUG. : Ch. 4. Sensory, Attentional and Perceptual Processes
SEPT. : **Revision**

ARTIFICIAL INTELLIGENCE

- APRIL** : **Part–A : Unit–III** : ICT Skills
Part–B : Unit–I : Introduction to AI
MAY : **Part–B : Unit–II** : AI Applications and Methodologies
JUNE : **Part–B : Unit–IV** : AI Values (Ethical Decision Making)
JULY : **Part–A : Unit–I** : Communication Skills
Unit–II : Self Management Skills
Unit–IV : Entrepreneurial Skills
Unit–V : Green Skills
AUG. : **Part–B : Unit–III** : Maths for AI
SEPT. : **Part–B : Unit–VI** : Critical and Creative Thinking
MCQ Examination (Including H.Y. Examination)

PHYSICAL EDUCATION

- APRIL** : **Unit – 1** : Changing Trends and Career in Physical Education +
Practicals
MAY : **Unit – 2** : Olympic Value Education +**Practical**
JUNE : **Unit – 1+2** : Revision unit 1 and 2 +**Practical**
JULY : **Unit – 7** : Fundamentals of Anatomy and Physiology in Sports
Unit – 4 : Physical Education and Sports for CWSN
AUG. : **Unit – 5** : Physical Fitness, Wellness and Life style +**Revision**
SEPT. : **Practical, Revision for Half Yearly Exam.**

YOGA

- APRIL** : **Specific Skills : Unit 1** : Introduction to Yoga and Yogic Practices–I (contd...)
Employability Skills : Unit 1 : Communication Skills – III
MAY : **Specific Skills : Unit 1** : Introduction to Yoga and Yogic Practices – I
Employability Skills : Unit 2 : Self-Management Skills – III **Practical**
JUNE : Revision and Practical
JULY : **Unit 2 : Introduction to Yoga Texts – I (contd..), Practical**
AUG. : **Unit 2 : Introduction to Yoga Texts – I, Practical**
SEPT. : **Half yearly Revision and practical**

FINE ART (PAINTING)

- APRIL :** **Theory** : Introduction- Rasa Theory and Sadang,
Pre-Historic Rock Painting
Practical : Still Life (1 work), Composition (1 work), Portfolio
- MAY :** **Theory** : Pre-Historic Rock Painting
Practical : Still Life (1 work), Composition (1 work)
- JUNE :** **Theory** : Art of the Indus Valley
Practical : Still Life (1 work)
- JULY :** **Theory** : Art of the Indus Valley
Practical : Still Life (1 work), Composition (2 work), Portfolio
- AUG. :** **Theory** : Art of Mauryan Period
Practical : Still Life (2 works), Composition (1 work)
- SEPT. :** **Revision**, Portfolio

HINDUSTANI VOCAL MUSIC

- APRIL :** Introduction of the subject and syllabus
Unit 1.1 Brief of the following Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala
Practical : 1. One Drut Khayal with simple elaboration and few tanas in the following Ragas- Bihag, Bhairavi and Bhimpalasi.
- MAY :** **Unit 1.2** Brief study of the following: Margi- Desi, Raga,
Practical : 1. One vilambit Khayal with simple elaborations and few tanas in any one of the prescribed Ragas
- JUNE :** **Unit - 2.1** Brief History of the following Dhrupad, Khayal and Tarana (contd...)
Practical : 2. One vilambit Khayal with simple elaborations and few tanas in any one of the prescribed Ragas
- JULY :** **Unit 2.1** Brief History of the following Dhrupad, Khayal and Tarana
Unit 3.1 Description of Prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun ☐ Teentala ☐ Ektala ☐ Chautala
Practical : 2. One Drut Khayal with simple elaboration and few tanas in the following Ragas- Bihag, Bhairavi and Bhimpalasi.
- AUG. :** **Unit 3.2** Life sketch and contribution of Tansen, V.N. Bhatkhande and V.D. Paluskar
Practical : 3. One Dhrupad with Dugun in any one of the prescribed Ragas.
- SEPT. :** Revision of half yearly and Practicals

MCQ EXAMINATION

(Course till November month will be included in MCQ Examination)

HINDI

- OCT. :** **व्याकरण:** पत्रकारिता के विविध आयाम
आरोह : **गद्य खण्ड :** अपू के साथ ढाई साल
काव्य खण्ड: घर की याद
वितान : राजस्थान की रजत बूँदें
- NOV. :** **आरोह :** **गद्य खण्ड :** भारत माता
काव्य खण्ड: गज़ल, अक्क महादेवी—हे भूख . . . , हे मेरी जूही . . .
वितान : आधो आँधारि
- DEC. :** पुनरावृत्ति

ENGLISH

Discussion of question paper

- OCT. :** **Hornbill** : The Adventure, Father To Son
Snapshots: Albert Einstein at School, Mother's Day
Grammar : Transformation (Exclamatory and Assertive), Tenses (Revision)
- NOV. :** **Hornbill** : Silk Road, The Laburnum Top
Snapshots: The Ghat of The Only World
Grammar : Transformation (Removal and use of Adverb 'Too')
C.W.S. : Invitations and Their Replies, Revision and Problem solving

MATHEMATICS

- OCT. :** Straight Lines, Conic Sections (contd....)
NOV. : Conic Sections, Sequences and Series, Revision

PHYSICS

- OCT. :** **Theory** : Gravitation, Mechanical Properties of solids
Practical : (5) Draw L-T² graph with the help of simple pendulum and determine the length of second's pendulum.
Activity : (4) To draw the cooling curve of molten wax.
- NOV. :** **Theory** : Mechanical Properties of fluids, Thermal properties of Matter, Thermodynamics
Practical : (6) Newton's law of cooling

DEC. : Revision before MCQ Examination

CHEMISTRY

- OCT. :** **Organic Chemistry** : Some Basic Principles and Techniques
Practical : Salt analysis II group
- NOV. :** Hydrocarbons, Equilibrium (**Chemical Equilibrium**) (**Not include in MCQ**) (to be contd...)
Practical : NaOH vs oxalic acid Titration
- DEC. :** **Revision**

BIOLOGY

- OCT. :** **Theory** : Ch. 4. Animal classification Ch. 5. Morphology of Plants Ch. 6. Anatomy of Plants
Practical : 11. Study of locally available common flowering plants of family solanaceae. 12. Preparation of slide of T.S. of Monocot and dicot root and stems
13. Study of specimens - Amoeba, Hydra, Liver Fluke, Ascaris, Leech, Earthworm, Prawn, Snail, Starfish, Shark, Rohu, Frog, Lizard, Pigeon and Rabbit.
- NOV. :** **Theory** : Ch. 7. Anatomy of Animal - frog Ch. 9. Biomolecules
Practical : 14. Study of distribution of stomata on both the surfaces of leaves.
15. Comparative study of the rates of transpiration
- DEC. :** **Revision**