

MATHEMATICS

Periodic Test 1:

Chapter -01 (Rational numbers)

Chapter -02 (Linear Equation in one variable)

Chapter -03 (Understanding quadrilateral)

Lab Manuals

Activity 1: Square roots of 2 and 3

Activity 2: Playing with numbers

Activity3: Algebraic identity

$$(x+a)(x+b) = x^2 + qx + bx + ab$$

Activity4: Algebraic identity

$$(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$$

Half Yearly

Chapter -01 (Rational numbers)

Chapter -02 (Linear equations in one variable)

Chapter -03 (Understanding Quadrilaterals)

Chapter -04 (Practical Geometry)

Chapter -05 (Data Handling)

Chapter -06 (Squares and square roots)

Chapter -07 (Cubes and cube roots)

Chapter-08 (Comparing quantities)

Activity5 : Algebraic Identity

$$(a + b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$$

Activity 6: Making a kite

Activity7: Making a Rhombus

Activity8: Diagonals of Rectangle and Square

Periodic -02

Chapter -09 (Algebraic Expressions & Identities)

Chapter -10 (Visualizing solid shapes)

Chapter -11 (Mensuration)

Activity9: Relation between sides and Angles of a parallelogram

Activity10: Basic Geometrical term

Activity11: Simple and compound interest

Activity12: area of a triangle

Activity 13: Perpendicular from the circle to the chord of the circle

Activity: 14: Chord are equidistant from the centre

Periodic -03

Lesson12: (Exponents and powers)

Lesson -13 (Direct and inverse proportion)

Activity: 15: Minor and Major Arcs of a circle

Activity 16: Equal chords of a circle are equidistant from the centre .

Activity 17: Equal parts of a line segment

Activity 18: Area of a parallelogram

Final Exams:

Chapter -9 (Algebraic Expression and identities)

Chapter -10 (visualizing solid shapes)

Chapter 11 (Mensuration)

Chapter 12: (exponents and powers)

Chapter 13: (Direct and inverse proportion)

Chapter 14 : (Factorisation)

Chapter 15 :p (Introduction to graphs)

Chapter 16 : (Playing with numbers)

Activity 19 : Survey report in the form of Histogram by paper cutting and pasting

Activity 20: Prepare a pie chart for Daily activities

Activity21: Surface Area of a Cuboid / Cube

Activity 22: Lateral Surface Area of a right circular cylinder

Science

Periodic Test 1:

Chapter -01 (Crop- production)

Chapter -03 (Synthetic fibres and plastics)

Chapter-12 (Friction)

Chapter -14 (Chemical effect of electric current)

Half Yearly

Chapter -07 (Conservation of plants and animals)

Chapter -10 (Reaching the age of Adolescence)

Chapter -04 (Metal and non metal)

Chapter -13 (Sound)

Chapter -02 (Microorganism : Friend and Foe)

Periodic Test 2:

Chapter -05 (Coal and Petroleum)

Chapter-8 Cell : Structure and function

Chapter -16 Light

Periodic Test 3:

Chapter -06 (Combustion and Flame)

Chapter-09 (Reproduction in animals)

Chapter -11 (Force and Pressure)

Final Exams:

Chapter -17 Star and Solar System

Chapter : 18 (Pollution of air)

Chapter : 15 (Some natural Phenomenon)

PA-02 and PA-03 Chapters

→ Sound

→ Synthetic fibres and Plastics (Ch-03)

Periodic Test 1:

History

- 1)When ,Where and How
- 2)The Rise and Growth of Company power

Civics

- 1)Our Constitution
- 2)Secularism

Geogarphy

- 1)Resource
- 2)Abiotic Resources

Half –Yearly:

History

- 1)When , Where and How
- 2)Agrarian structure under the British
- 3)Colonialism and Tribal Societies

Civics

- 1)Our Constitution
- 2)Our Parilament – Union Legislature
- 3)The Making Of Laws

Geography

- 1) Biotic Resources
- 2)Mineral Resources
- 3)Resources

Periodic Test 2:

History

- 1)Crafts , Industries and Colonialism
- 2)The Revolt of 1857.
- 3)Urban changes under colonialism

Civics

- 1)The union Executive .

- 2)The Judiciary

Geography

- 1)Power Resources
- 2)Agriculture .

Periodic Test 3:

History:

- 1)Education under British rule
- 2)Women and Reform
- 3)Lower caste

Civics

- 1)The Police and the courts
- 2)Social Justice and Marginalized

Geography

- 1)Major Industries
- 2)Human Resources

Final Exams:

History:

- 1)India after Independence
- 2)The Rise of Nationalism in india
- 3)The National Movement

Civics:

- Social Justice and the Margianalised
- Untouchability – A Social Evil
- The Govt. and Economic Development

Geography

- 1)Agriculture
- 2)Major Industries
- 3)Human Resources

Hindi :

Periodic Assessment-01

Pustika Manthan :- 1, 2

Rachna Parsoon:- 1,2

Half Yearly + PA 1st

Pustika Manthan :- 3,4,5,6,7,8,9,10

Rachna Parsoon:3,4,5,6,18,20,21,22,

23,24,25,27

Periodic Assessment -2nd

Pustika Manthan :- 11,12,13,14,15

Rachna Parsoon:- 7,8,9,10,11,12,13

Periodic Assessment -3rd

Pustika Manthan :- 16,17,18,19

Rachna Parsoon:- 14,15,16,17,24

Final Exams

Pustika Manthan :- 20,21,22

Rachna Parsoon:- 27,26,25,19,18,1

+

PA-II + PA-III (Half Yearly 30% Repeat)

- Logical Sequence of words
- Venn Diagrams
- Passages (Including Case studies)

Final Exams:

- Tech Savvy
- Knowledge Scoop
- Knowledge Scoop

GK

Periodic Test 1:

Language Skill

English :- Grammar and usage , vocabulary in context passage completion , Comprehension

Half Yearly

Analytical Thinking

- Odd one Out -
- Mental Ability
- Series completion
- Mathematical Reasoning
- Data Interpretation and problems Related to Graphs
- Questions on Scientific Reasoning
- Passages

Periodic Test 2:

Reasoning Wizard

- Analogy
- Series and Pattern Completion
- Mental Ability
- Odd and Out
- Coding – Decoding

Periodic Test 3:

- Problems based on Directions
- Mirror and water Images

Chapter 10- Using List And Creating a

Chapter 11- Surfacing Internet Table

Computer

Periodic Test-01

Chapter 01 – Networking Concepts

Chapter 02 – LOG ON TO Access

Half Yearly + PA-01

Chapter 3 - Working with Tables

Chapter4- Working with Queries

Chapter 5 —Adobe Photoshop CS3

Periodic Test-02

Chapter 6- More on Photoshop CS3

Chapter 7 - Visual Basic 2008

Periodic Assessment -03

Chapter 8 - More on visual Basic 2008

Chapter 9 - Understanding HTML

Final Exams + PA-03

SYLLABUS OF ENGLISH

Periodic Assessment 1:

Ch 1 -The Best Advice I Ever had

Ch 2 –*Ozymandias*

Grammar:

Reading skills

Writing Skills

Half Yearly:

Ch 3 -Nimai Forever

Ch 4 -The Way Through The Woods

Ch 5 -My Financial Career

Ch 6 -The Glove and the Lions

Ch 7 -The Open Window

Grammar:

Report Writing

Letter Writing (Formal & Informal)

Articles/Determiners

Noun

Periodic Assessment 2:

Ch 8 -The Nightingale and the Glow-worm

Ch 9 -Water Watch

Ch 10 -From Story Telling to Film Making

Grammar:

Pronoun

Tenses

Message

Periodic Assessment 3:

Ch 11 -Television

Ch 12 -An Insult that Created an Empire

Ch 13 -A Nation's Strength

Grammar:

Bio-Sketch

Speech

Voice

Punctuation

Final Exams:

Ch 14 -After Twenty Years

Ch 15 -The Chimney Sweeper

Ch 16 -Good Bye, Mr Chips!

Ch 17 -The Importance of being Earnest

Grammar:

Punctuation

Debate

Article Writing

Narration

Verb- Finite, Infinite

