

St. Patrick's Junior College, Agra

Final term Syllabus

February / March 2025

Class 6

English Language

- 1. Tenses**
- 2. Prepositions**
- 3. Conjunctions**
- 4. Subject verb agreement**
- 5. Articles**
- 6. Formal letter writing**
- 7. Informal letter writing**
- 8. Essay writing**
- 9. Notice writing**
- 10. Unseen passage**

English Literature

- 1. The Adventures of Tom Sawyer**
- 2. The Three Questions**

3. The Happy Prince

4. Echoing Green (Quote) and RTC full

5. Keep Going

6. Novel-Little Woman

Science

Physics

Ch 5 - Simple Machines

Ch 6- Light

Ch 7- Magnetism

Chemistry

Ch 4- Water

Ch 5- Air and Atmosphere

Biology

Ch 4- The Human Body - Respiratory System

Ch 5- The Human Body - Circulatory System

Ch 6- Health and Hygiene

Mathematics

- 1. Integers**
- 2. Decimal Fraction**
- 3. Playing with Numbers**
- 4. Sets**
- 5. Percentage**
- 6. Speed, Distance & Time**
- 7. Fundamental concepts of Algebra**
- 8. Simple Equation**
- 9. Triangle**
- 10. Quadrilateral**
- 11. Circle**
- 12. Polygon**
- 13. Geometrical construction**
- 14. Perimeter and Area**
- 15. Mean & Median**

History Civics

Chap- 7: Jainism and Buddhism

Chap- 8: Rise of Magadh

Chap- 9: The Mauryan Empire

Chap- 10: The Gupta Empire

No Glossary from History

Civics :

Chap-2: Urban Local Self - Government

With Glossary

Geography

Ch-4-Agriculture

Ch-6-North America-Location and physical features

Case study: lumbering in Canada

Ch-7-South America-location and physical features

Case study: Life in the Amazon river basin

Map work

World map(physical)

North America(physical)

Conventional symbols

Diagram from the entire book

Computer

*** Chapter 3: Internet Services**

*** Chapter 6: More Features of Google slide**

*** Chapter 8: AI - Computer Vision**

*** Java Programming- programs and note**

Hindi

- 1** मिठाई वाला
- 2** जवाहरलाल नेहरू का पत्र
- 3** पेडों को मत काटो
- 4** दोहा दशक
- 5** गंगा मैली न होने पाए
- 6** बेगम हज़रत महल
- 7** जीवन एक प्रयोग

Hindi Language

- 1** काल
- 2** वाच्य
- 3** क्रिया विशेषण
- 4** अनेकार्थी
- 5** अनेक शब्दों के लिए एक शब्द
- 6** समरूप भिन्नार्थक (1-16)
- 7** प्रत्यय
- 8** मुहावरे
- 9** निबंध

Sanskrit

1-करण कारक

2-सम्प्रदान कारक

3-अपादान कारक

4-सम्बन्ध कारक

5-अधिकरण कारक

6-सुभाषितानि

7- शब्द रूप - तत् सर्वनाम तीनो लिंग

8- धातु रूप - लिख - अस् (लट् लकार - वर्तमान काल

लृट् लकार - भविष्यत् काल)

General Knowledge

Ch-35 to 67

Current affairs - December to February

Art

Two birds

two flower

landscape

story scene

Class 7

English Language

- **Active and Passive voice**
- **Prepositions**
- **Conjunctions**
- **Phrases & Clauses**
- **Articles**

Writing portion

- **Formal Letter**
- **Informal Letter**
- **Essay**
- **Notice**
- **Unseen Passage (along with summary)**

English Literature

- **Aged Mother**
- **Uncle Podger Hangs a Frame**
- **Story of Ali Cogia**
- **If (for quoting)& RTC full**
- **The Cherry Tree**
- **Novel - Othello**

Physics

1. Light

2. Heat

3. Sound

4. Speed, Velocity & Acceleration (Only Numerical)

5. Magnetism

6. Electricity

Chemistry

1. Elements, Compound & Mixture

2. Atomic structure

3. Metals and Non Metals

4. Air, Oxygen & Oxides

5. Language of Chemistry

Biology

Ch 4 - Photosynthesis in Plants

Ch 5- Respiration in Plants

Ch 7 - The Human Body - Nervous system

Ch 8- Allergy

Mathematics

- 1. Rational numbers**
- 2. Exponents**
- 3. Sets**
- 4. Unitary method**
- 5. Profit and loss**
- 6. Speed distance time**
- 7. Simple interest**
- 8. Algebraic expression**
- 9. Linear equation**
- 10. Lines and angles**
- 11. Properties of triangle**
- 12. Congruence**
- 13. Construction**
- 14. Mensuration**
- 15. Data handling**

History & Civics

History

Ch- 9 The Early Mughals

Ch-10 Sher Shah Suri

Ch-11 Akbar the Great

Ch-12 Jahangir and Shah Jahan

Ch-14 Religious Developments

Civics

Ch-1 The Making of Our Constitution

Ch-2 Directive Principles of State Policy

Geography

Chap- 3: Weather and climate

Chap- 6: Energy and Power Resources

Chap- 8: Africa

Case study: Cocoa Cultivation in Ghana

Chap- 9 : Australia

Case Study: Sheep Rearing in Australia

Chap- 10: Antarctica

Glossary will come

All the conventional signs and symbols will come

Computer

*** Chapter 4: Ethics and Safety measures**

*** Chapter 7: Introduction to DBMS**

*** Chapter 9: AI Natural Language Processing**

*** Octal to Decimal and Decimal to Octal conversion**

*** Hexadecimal to Decimal and Decimal to Hexadecimal conversion**

*** Java Programs**

Hindi

- 1.स्वास्थ्य ही जीवन है
- 2.ऊटी की यात्रा
- 3.माँ: जीवन संचालिका
- 4.छोटा जादूगर
- 5.प्रेम में परमेश्वर
- 6.रहीम के दोहे
- 7.बूढी. काकी
- 8.फ़िज़ी:भारत से दूर एक छोटा भारत

HINDI LANGUAGE

- 1.काल
- 2.क्रिया
- 3.विशेषण
- 4.वाक्यांश
- 5.एकार्थी प्रतीत होने वाले शब्द
- 6.समरूपी भिन्नार्थक शब्द
7. प्रत्यय
- 8.मुहावरे

9.पत्र

10.निबंध

Sanskrit

1.दयालु सिद्धार्थ

2.पाण्डवः यक्षः

3. मनसा सततम् स्मरणीयम्।

4.वसंत राजः

5.संघठने शक्तिः

6.गृधः.मार्जारस्य कथा

7.गणतंत्र दिवसः

8.नीति वचनानि

9.शब्द रूप- हरि,पुस्तक

10.धातु रूप-वद् धातु पांचों लकार

General Knowledge

Chapters: 8, 11, 13, 14, 17, 26, 27, 30, 35 - 66.

Current affairs: from August 2024- January 2024.

Art

hut and tree

landscape

1 story scene

rose flower

Class 8

English Language

- * Ch- 1- Articles and Determiners**
- * Ch- 12- Prepositions**
- * Ch- 13- Conjunctions**
- * Ch- 14- Phrases and Clauses**
- * Ch- 17- Direct and Indirect Speech**
- * Formal and Informal Letter**
- * Email Writing**
- * Notice Writing**
- * Essay Writing**
- * Comprehension**
- * Summary**

English Literature

- * Ch- 3- Scrooge and the Ghost**
- * Ch- 7 - The Little Prince**
- * Ch- 10- Nyaminyami the Zambezi River God**
- * Poem- (ii)- In the Bazaars of Hyderabad**
- * Poem- (iv)- The Tyger**
- * Novel - The Twelfth Night**

Physics

- 1. Light**
- 2. Force & Pressure**
- 3. Heat**
- 4. Sound**
- 5. Static Electricity**
- 6. Current Electricity**

Chemistry

- 4. Atomic Structure**
- 5. Language of Chemistry**
- 6. Chemical Reactions**
- 7. Hydrogen**
- 8. Water**
- 9. Carbon and its Compounds**

Biology

- Ch 3: Our Ecosystem**
- Ch 4: The Endocrine System**
- Ch 5: The Circulatory system**
- Ch 8: Food Production**

Mathematics

- 1. Profit, Loss and Discount**
- 2. Factorization**
- 3. Linear Equations**
- 4. Construction of Quadrilaterals**
- 5. Circles**
- 6. Perimeter and Area of Plane figures**
- 7. Volume and Surface Area of Solids**
- 8. Probability**
- 9. Direct and Inverse Variation**
- 10. Direct and Inverse Variation**
- 11. Time and Work**

History & Civics

- Chap- 9 : Expansion of the British Rule**
- Chap- 10: Impact of the British Rule**
- Chap- 11: Revolt of 1857**
- Chap - 12 :Social and Religious Reforms**
- Chap - 13: The rise of Indian Nationalism**
- Chap - 14: Indian National Movement (1885-1918)**
- Chap - 15: Indian National Movement (1919- 1947)**
- No new terms from history**

Civics

Chap- 3: The United Nations Organistaion

Chap- 4: Specialised Agencies of the UN

New terms from Both the chapters

Geography

Chap-1 : Representation of geographical features

Chap- 5: Disasters- Natural and Human Made

Chap - 6: Asia - Land , climate and Natural Vegetaion

Chap -7: India - Location and Physical Features

Chap - 8 : India - Climate , Natural vegetation & Wildlife

Chap -9 : Human Resources

New terms of all the Chapters will come

Computer

*** Chapter 4: App Development**

*** Chapter 7: Web Applications using a Database**

*** Chapter 8: Creationg Videos using canva**

*** Chapter 9: AI Natural Language Processing**

*** Java Programs**

Hindi

- 1) आदर्श बदला
- 2) क्या निराश हुआ जाए
- 3) वीर अब्दुल हमीद
- 4) गिरिधर की कुण्डलिया
- 5) अजंता की चित्रकला
- 6) डॉ पुरण चंद टंडन से एक भेंटवार्ता

Hindi Language

- 1) काल
- 2) वाच्य
- 3) क्रिया विशेषण
- 4) वाक्यांश
- 5) श्रुतिसम भिन्नार्थक शब्द (1 - 20)
- 6) एकार्थक शब्द (1-10)
- 7) मुहावरे
- 8) पत्र
- 9) निबंध

Sanskrit

- 1- अपरीक्ष्य न कर्तव्यम्
- 2- गीताअमृतं
- 3- चतुरः व्याघ्रः
- 4 -महाकविः कालीदासः
- 5 -कन्याकुमारी यात्रा
- 6- नीतिश्लोक
- 7- कारक विभक्ति परिचय
- 8- पर्यायवाची शब्द
- 9- शब्द रूप - इदम् तीनो लिंग
- 10- धातु रूप - पा (पिब) पाँचो लकार

General Knowledge

- * **Chapters 31 to 60**
- * **Current affairs (Oct 2024 to Feb 2025)**

Art

underwater scene

Madhubani painting

Seascape

story scene

Class 9

English Language

Composition

Notice Writing

Email Writing

Letter Writing

Comprehension

Grammar Exercises

English Literature

Poems

1. A work of Artifice

2 .Skimblehanks : the.

railway cat

3 . I Remember, I.

Remember

4. The Night mail

5. A doctor's Journal entry for August 6,1945

Short Stories

1. Bonku Babu's friend

- 2. Oliver asks for more**
- 3. The model millionaire**
- 4. The Home-coming**
- 5. The Boy who broke the bank**

Julius Caesar

Act 1 and Act 2

Physics

- .Upthrust in fluids, Archimedes principle and floatation**
- . Heat and Energy**
- . Reflection of light**
- . Propagation of sound waves**
- . Current Electricity**
- . Magnetism**

FULL HALF YEARLY SYLLABUS ALSO

Chemistry

- 1. Language of Chemistry**
- 2. Chemical Changes & Reactions**
- 3. Water**
- 4. Atomic structure & chemical bonding**
- 5. The Periodic table**

6. Hydrogen

7. Gas Laws

8. Atmospheric pollution

Biology

1. Introducing Biology

2. Cell: The Unit of Life

3. Tissues : Plant and Animal Tissues

4. The Flower.

5. Pollination and Fertilization

6. Seeds Structure and Germination

7. Respiration in Plants

8. Five Kingdom Classification

9. Economic Importance of Bacteria and Fungi.

10. Nutrition..

11. Digestive System ..

12. Skeleton Movement and Locomotion

13. Skin –The Jack of All Trades"

14. The Respiratory System

15. Hygiene [A Key to Healthy Life].

16. Diseases : Cause and Control

17. Aids to Health

18. Health Organisations

19. Waste Generation and Management

Mathematics

1. Expansions

2. Factorization

3. Simultaneous Linear Equations

4. Problems on Simultaneous Linear Equations

5. Quadratic Equations

6. Triangles

7. Mid point Theorem

8. Pythagoras Theorem

9. Theorems on Area

10. Circle

11. Mensuration

12. Trigonometrical Ratios

13. Trigonometrical Ratios of Standard Angles

14. Coordinate Geometry

15. Statistics

History & Civics

CIVICS 1. Our Constitution

2. Basic Features of the Constitution

3. Fundamental Rights and Duties

4. Directive Principles of State Policy

5. Elections

6. Local Self-Government Rural

7. Local Self-Government Urban

SECTION B: HISTORY

1. The Harappan Civilisation

2. The Vedic Period

3. Jainism and Buddhism

4. The Mauryan Empire

5. The Sangam Age

6. The Age of the Guptas

7. Medieval India: South India and the Cholas

8. Medieval India The Delhi Sultanate

9. The Mughal Empire

10. Composite Culture: The Sufi and Bhakti Movements

11. Modern Age in Europe: The Renaissance

12. The Reformation

13. The Industrial Revolution

Geography

- 1. Earth as a Planet**
- 2. Latitudes and Longitude**
- 3. Rotation and Revolution**
- 4. Earth's structure**
- 5. Landforms of the Earth**
- 6. Rocks and rock cycle**
- 7. Volcanoes**
- 8. Earthquakes**
- 9. Weathering and Denudation**
- 10. Tides and Ocean Currents**
- 11. Composition and Structure of Atmosphere**
- 12. Insolation**
- 13. Atmospheric pressure and wind**
- 14. Humidity**
- 15. Pollution-Types and Sources**
- 16. Effects of pollution**
- 17. Pollution- Preventive measures**
- 18. Natural Regions of the World**
- 19. Map of the World**
- 20. Toposheet**

Computer

Ch1: Object oriented programming

Ch 2: Elementary concepts of objects and classes

Ch 3: Values and data types

Ch 4: Operators in Java

Ch 5: Input in Java

Ch 6: Mathematical Functions

Ch 7: Decision making statements

Ch 8: Iterative constructs in Java

Ch 9: Nested Loops

Ch 10: Computing and Ethics

Hindi

गद्य भाग

बात अठन्नी की

काकी

महायज्ञ का पुरस्कार

नेताजी का चश्मा

अपना अपना भाग्य

बड़े घर की बेटी

पद्य भाग

सखी

गिरिधर की कुंडलियां

स्वर्ग बना सकते हैं

वह जन्मभूमि मेरी

मेघ आए

सूर के पद

विनय के पद

व्याकरण

एकार्थक प्रतीत होने वाले शब्द

वाक्यांश के लिए एक शब्द

काल

मुहावरे

वाच्य परिवर्तन

अपठित गद्यांश

पत्र

निबंध

Economics

Chapter-1 Meaning and Definition of Economics

Chapter -3 Basic Problems of an Economy

Chapter-4 Types of Economies(Only Page no.45 and 47)

Chapter-5 Characteristics of Indian Economy

Chapter -7 Main Sectors of Indian Economy :Industry

Chapter-8 Main Sectors of Indian Economy:Services

Chapter -9 Other Sectors of India Economy

Chapter -11 Social Infrastructure

Chapter -12 Consumer Awareness

Chapter -13 Globalisation

Home Science

Unit 1. Meaning and scopes of Home Science

Unit 2:- Food and Health

Unit 3:- Growth and Development

Unit 4:- The Home and it's Management.

Unit 5:- Textile Science and Fabric Construction

Unit 6:- Communication and Extension.

Class 11

English Language

- 1) Composition**
- 2) Proposal writing**
- 3) Reported Writing**
- 4) Grammar Exercises**

English Literature

*** Macbeth - William Shakespeare**

- 1) Act 1 & 2**

*** A Collection of ISC short stories - Prism**

- 1) A Living God by Lafacadio Hearn**
- 2) Advice to youth by Mark Twain**
- 3) The Paper menagerie by Ken Liu**
- 4) The Great Automatic Grammatizator by Roald Dahl**
- 5) Thank you Ma'am by Langston Hughes**

*** A Collection of ISC poem - Rhapsody**

- 1) Abhisara : The Tryst by Rabindranath Tagore**
- 2) Why I like the hospital by Tony Hoagland**
- 3) Sonnet 116 by William Shakespeare**

4) Death of a Naturalist by Seamus Heaney

5) Strange Meeting by Wilfred Owen

Commerce

- 1. Emerging modes of business**
- 2. Stock exchange**
- 3. Internal trade**
- 4. Foreign trade**
- 5. Insurance**

Accounts

Final Accounts with adjustments

Single entry system

Bills of Exchange

Non Profit organisation

Depreciation

Trial Balance

Journal

Triple column cash book

Purchase book

Sales book

Physics

1. Properties of Matter (Elasticity ,Surface Tension, Fluid Pressure and Flow of fluids)

2. Heat Transfer ,Thermodynamics and First law of thermodynamics

3. Kinetic theory of gases

4. Oscillations and waves

+ Half yearly syllabus

Chemistry

1. Some basic concepts of Chemistry

2. Structure of atom

3. Classification of elements and periodicity in properties

4. Chemical Bonding and molecular Structure

6. Chemical Thermodynamics

7. Equilibrium

8. Redox Reactions

10. s -block elements

11. p- block elements

12. organic Chemistry

13. Hydrocarbons

Biology

1. The Living World

2. Biological Classification

3. Plant Kingdom

4. Animal Kingdom

- 5. Morphology of flowering plants**
- 6. Anatomy of flowering plants**
- 7. Animal Tissues, Morphology Anatomy of Frog**
- 8. Cell: The Unit of Life**
- 9. Biomolecules**
- 10. Cell Cycle and Cell Division**
- 13. Photosynthesis in Higher Plants**
- 14. Respiration in Plants**
- 15. Plant Growth and Development**
- 17. Breathing and Exchange of Gases**
- 18. Body fluids and Circulation**
- 19. Excretory Products and Their Elimination**
- 20. Locomotion and Movement**
- 21. Neural Control and Coordination**
- 22. Chemical Coordination and Integration**

Mathematics

- 1. Relations and Functions**
- 2. Angles and Arc Lengths**
- 3. Trigonometric Functions**
- 4. Compound and Multiple Angles**
- 5. Complex Numbers**

6. Permutations and Combinations

7. Sequence and Series (A.P. and G.P. with their Means)

8. Straight Line

9. Circles

10. Limits

11. Differentiation

12. Statistics

13. Probability

14. Either Section B or Section C.

Computer

UNIT 1: BASIC COMPUTER HARDWARE AND SOFTWARE

**UNIT 2: INTRODUCTION TO OBJECT ORIENTED
PROGRAMMING USING JAVA**

UNIT 3 Complete

Hindi

गद्य संकलन

पुत्र प्रेम

गौरी

शरणागत

सती

आउट साइडर

काव्य मंजरी

साखी

बाल लीला

एक फूल की चाह

आः धरती कितना देती है

नदी के द्वीप

तुलसीदास के पद

आषाढ़ का एक दिन

आषाढ़ के एक दिन (तीनों अंक)

व्याकरण

मुहावरे 1to 170

शुद्ध अशुद्ध 1to117(pg 158-162)

अपठित गद्यांश , निबंध

Economics

- 1. Sustainable development**
- 2. Planning and economic development in India**
- 3. Structural changes in Indian economy**
- 4. The problem of poverty in India**
- 5. Profile of Indian agriculture/ Rural development**
- 6. Human capital formation in India**
- 7. Unemployment in India**
- 8. Measures of dispersion**

Home Science

Unit 2:- Food and Nutrition

Unit 3:- Resource Management

Unit 4:- Storage and Preservation of Food

Unit 5:- Human Psychology and Development

**Unit 6 :-Textile Science and care and Maintenance of
Textiles**

Unit 7:- Communication and Extension.