

**ST. JOSEPH'S GIRLS' COLLEGE, PRAYAGRAJ**  
**SYLLABUS 2024-2025**  
**CLASS 9**

| SUBJECT            | TERM        | SYLLABUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| ENGLISH LITERATURE | UNIT-1      | The Night Mail, Julius Ceaser Act 1 Scene 1& 2, Bonku Babu's Friend                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                    | HALF-YEARLY | Julius Caesar Act 1 , The Night Mail , Bonku Babu's Friend , Oliver Asks for More , The Model Millionaire , A Work of Artifice Project Work                                                                                                                                                                                                                                                                                                                                                                                                   |
|                    | UNIT-2      | Shimbleshanks : Julius Caesar Act 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                    | FINAL       | Julius Caesar Act 2 , Bonku Babu's Friend , Oliver Asks for more , The Model Millionaire , The Home-coming , The Boy who Broke the Bank , A Work of Artifice , Shimleshanks : The Railway Cat, I Remember I Remember , A Doctor's Journal Entry For , The Night Mail. Project Work                                                                                                                                                                                                                                                            |
| ENGLISH LANGUAGE   | UNIT-1      | Notice Writing, E-mail Writing, Interchange of Sentences Direct & Indirect.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                    | HALF-YEARLY | Direct & Indirect, Active & Passive Voice, Comparison of Adjectives , Time & Tense , The Sequence of Tenses , Agreement of the Verb with its Subject , Interchange of Sentences. Notice Writing, E-mail Writing, Letter Writing, Comprehension, Essay.                                                                                                                                                                                                                                                                                        |
|                    | UNIT-2      | Tranformation of Sentences, Letter Writing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | FINAL       | Direct & Indirect, Active & Passive Voice , Comparison of Adjectives , Time & Tense , The Sequence of Tenses , Agreement of the Verb with its Subject , Interchange of Sentences , Transformation Of Sentences , Synthesis of Sentences, Conditional Sentences , Prepositions , Articles Notice Writing , E-mail Writing , Letter Writing , Comprehension , Essay Project Work                                                                                                                                                                |
| MATHS              | UNIT-1      | Ch1: Rational and irrational number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                    | HALF-YEARLY | Ch1: Rational and irrational Numbers, Ch2: Compound interest, Ch3: Expansion, Ch4: Factorization, Ch5: Simultaneous linear equations, Ch6: Problems on simultaneous linear equations, Ch7: Quadratic equations, Ch8: Indices, , Ch9: Logarithms, Ch10: Triangles, Ch20: Statistics Project Work                                                                                                                                                                                                                                               |
|                    | UNIT-2      | Ch17: Trigonometrical ratios, Ch18: Trigonometrical ratios of standard angles                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                    | FINAL       | Ch1: Rational and irrational number, Ch2: Compound interest, Ch3: Expansion, Ch4: Factorization, Ch5: Simultaneous linear equations, Ch6: Problems on simultaneous linear equations, Ch7: Quadratic equations, Ch8: Indices, Ch9: Logarithms, Ch10: Triangles, Ch11: Midpoint theorem, Ch12: Pythagoras theorem, Ch13: Rectilinear figures, Ch14: Theorems on area, Ch15: Circle, Ch16: Mensuration, Ch17: Trigonometrical ratios, Ch18: Trigonometrical ratios of standard angles, Ch19: Coordinate geometry, Ch20: Statistics. Project Work |
| COMPUTER           | UNIT-1      | Ch. 1 Introduction to Object Oriented Programming Concepts<br>Ch. 2 Elementary Concept of Objects and Classes                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                    | HALF-YEARLY | Ch. 1 Introduction to Object Oriented Programming Concepts, Ch. 2 Elementary Concept of Objects and Classes, Ch. 3 Values and Data Types, Ch. 4 Operators and Expressions in Java<br>Ch. 5 Classes and Methods (or Functions), Ch. 6 Input in Java (Scanner Class)                                                                                                                                                                                                                                                                            |
|                    | UNIT- 2     | Ch.7 Mathematical Library Methods, Ch.8 Conditional Constructs in Java (Decision Making Statements)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                    | FINAL       | Ch.7 Mathematical Library Methods, Ch.8 Conditional Constructs in Java (Decision Making Statements), Ch. 9 Iterative Constructs in Java (The Non -Nested Loops for Iteration), Ch. 10 Nested Iteration In Java (The Nested for () Loops), Ch. 11 Computing and Ethics, (Revision of Half Yearly Syllabus) <b>Project Work (half yearly and final exam)</b>                                                                                                                                                                                    |
|                    | UNIT-1      | साहित्यसागर, गद्य -पाठ 1बातअठन्नीकी, पद्य-पाठ 1 साखी, व्याकरण-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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| <b>HINDI LITERATURE</b>     |                    | विलोम,पर्यायवाची, मुहावरे और लोकोक्तियाँ                                                                                                                                                                                                                                                                                                                                                                                                                |
|                             | <b>HALF-YEARLY</b> | साहित्यसागर- गद्य-पाठ-1 बात अठन्नी की 2-काकी 3-महायज्ञ का पुरस्कार 4- नेताजी का चश्मा। पद्य-पाठ-1 साखी 2-गिरिधर की कुंडलियाँ 3-स्वर्ग बना सकते हैं। 4-वह जन्म भूमि मेरी, एकांकीसंचय- पाठ-1संस्कार एवं भावना 2-बहू की विदा, व्याकरण- क-प्रस्तावलेखन, ख-पत्रलेखन, ग-अपठितगद्यांश, घ-व्यावहारिक व्याकरण, परियोजनाकार्य-“अकेला चना भाड़ नहीं फोड़ सकता” इस उक्ति के आधार पर एक कहानी लिखिए।                                                                 |
|                             | <b>UNIT-2</b>      | साहित्यसागर गद्य पाठ-5 अपना-अपनाभाग्य, पद्य-पाठ-मेघ आए, एकांकीसंचय-पाठ-3-मातृ भूमि का मान।, व्याकरण-लिंग, विशेषण, वाक्यगत अशुद्धि।                                                                                                                                                                                                                                                                                                                      |
|                             | <b>FINAL</b>       | साहित्यसागरगद्य-पाठ-1 बातअठन्नीकी 2-काकी 3-महायज्ञकापुरस्कार 4- नेताजीकाचश्मा 5-अपना अपना भाग्य 6-बड़े घर की बेटी।<br>पद्य-पाठ-1,साखी 2-कुंडलियाँ 3-स्वर्गबनासकतेहैं 4-वह जन्म भूमि मेरी। 5-मेघआए 6-सूर के पद<br>एकांकी संचय पाठ 1संस्कार एवं भावना 2-बहूकीविदा 3-मातृभूमि का मान 4-सूखीडाली।, व्याकरण- क- प्रस्तावलेखन, ख-पत्रलेखन, ग-अपठितगद्यांश, घ-व्यावहारिक व्याकरण, परियोजनाकार्य-“बहूकीविदा” एकांकी के आधार पर जीवन लाल का चरित्र चित्रण कीजिए। |
| <b>Physics</b>              | <b>UNIT-1</b>      | Unit-1 Measurements and Experimentation                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                             | <b>HALF-YEARLY</b> | Unit -2 Motion in One Dimension, Unit-3. Laws of Motion, Unit-4. Fluids                                                                                                                                                                                                                                                                                                                                                                                 |
|                             | <b>UNIT-2</b>      | Unit - 5 Heat and Energy, Unit 6. Light                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                             | <b>FINAL</b>       | Full Syllabus (From 1 to 8) Unit-1 Measurements and Experimentation, Unit -2 Motion in One Dimension, Unit-3. Laws of Motion, Unit-4. Fluids, Unit - 5 Heat and Energy, Unit 6. Light, Unit7. Sound, Unit8. Electricity and Magnetism                                                                                                                                                                                                                   |
| <b>Chemistry</b>            | <b>UNIT-1</b>      | Ch 1(The language of chemistry)                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                             | <b>HALF-YEARLY</b> | Ch 1- The language of chemistry, Ch 2- Chemical Changes and Reactions, Ch 3- Water, Ch 4- Atomic structure and chemical bonding, Ch 5- The periodic table                                                                                                                                                                                                                                                                                               |
|                             | <b>UNIT-2</b>      | Ch 2(Chemical Changes and Reactions), Ch 3(Water)                                                                                                                                                                                                                                                                                                                                                                                                       |
|                             | <b>FINAL</b>       | (Full Syllabus) Ch 1- The language of chemistry, Ch 2- Chemical Changes and Reactions, Ch 3- Water, Ch 4- Atomic structure and chemical bonding, Ch 5- The periodic table, Ch 6- Study of the first element – hydrogen, Ch 7- Study of gas laws, Ch 8- Atmospheric pollution<br>PRACTICAL WORK<br>Experiment 1-10 With Complete Practical File.                                                                                                         |
| <b>Biology</b>              | <b>UNIT-1</b>      | Ch2. Cell: The Unit of Life, Ch3. Tissues: Plant and Animal Tissues Project & Practical                                                                                                                                                                                                                                                                                                                                                                 |
|                             | <b>HALF-YEARLY</b> | Ch2. Cell: The Unit of Life, Ch3. Tissues: Plant and Animal Tissues, Ch4. The Flower, Ch5. Pollination and Fertilization, Ch6. Seeds: Structure and Germination, Ch7. Respiration in Plants, Ch8. Five Kingdom Classification, Ch9. Economics Importance of Bacteria and Fungi, Ch10. Nutrition                                                                                                                                                         |
|                             | <b>UNIT-2</b>      | Ch11.Digestive System Project & Practical                                                                                                                                                                                                                                                                                                                                                                                                               |
|                             | <b>FINAL</b>       | Ch11.Digestive System, Ch12. Skeleton: Movement and Locomotion, Ch13. Skin: “The Jack of All Trades”, Ch14. The Respiratory System, Ch15.Hygiene: A Key to Healthy Life, Ch16. Diseases: Cause and Control, Ch17. Aids to Health, Ch18. Health Organisations, Ch19. Waste Generation and Management                                                                                                                                                     |
| <b>HISTORY &amp; CIVICS</b> | <b>UNIT-1</b>      | Meaning and need of const. Features, Ideals and Objectives of the Const, Basic Features of The Const.                                                                                                                                                                                                                                                                                                                                                   |
|                             | <b>HALF-YEARLY</b> | Sources, Need and Importance, What are election need importance and kinds                                                                                                                                                                                                                                                                                                                                                                               |

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|                           |                    | of elections, Causes of origin, features, impact On society, Sources, Role of Chanakya Ashok, Administration and Decline, Age of Cholas, administration, art and architecture Golden Age of Ancient India, administration, achievements in art, science and literature, The Delhi Sultanate Administration, art and culture Role of Babur, Akbar, Aurangzeb Administration, society, art, architecture, culture |
|                           | <b>UNIT-2</b>      | Famous saints and impact on society, Renaissance, Causes and impact, Causes, Role of Martin Luther, Impact                                                                                                                                                                                                                                                                                                      |
|                           | <b>FINAL</b>       | Causes and Impact , Entire syllabus is included for the Finals                                                                                                                                                                                                                                                                                                                                                  |
| <b>Physical Education</b> | <b>UNIT-1</b>      | 1st The Human Anatomy and Physiology                                                                                                                                                                                                                                                                                                                                                                            |
|                           | <b>HALF-YEARLY</b> | Section –A Ch 1 The Human Anatomy and Physiology, Ch 2 Muscular System, Ch 5 Games and sports<br>Section –B Cricket, Badminton, Football                                                                                                                                                                                                                                                                        |
|                           | <b>UNIT-2</b>      | Ch 3 Respiratory System                                                                                                                                                                                                                                                                                                                                                                                         |
|                           | <b>FINAL</b>       | Section-A Ch3 Respiratory System, Ch4 Circulatory System, Ch1 The Human Anatomy and Physiology<br>Section B Cricket, Badminton, Football, Basketball, Volley ball                                                                                                                                                                                                                                               |
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| <b>GEOGRAPHY</b>          | <b>UNIT-1</b>      | Ch1. Earth as a Planet, Ch2 Latitudes and Longitudes                                                                                                                                                                                                                                                                                                                                                            |
|                           | <b>HALF-YEARLY</b> | Ch1 .Earth as a Planet, Ch 2 .Latitudes and Longitudes, Ch 3. Rotation and Revolution, Ch 4:Earth's Structure, Ch 5: Landforms of the Earth, Ch 6:Rocks and Rock cycle, Ch 7:Volcanoes, Ch 8 :Earthquakes<br>Ch9: Weathering and Denudation, Ch 10: Tides and Ocean currents<br>Map work                                                                                                                        |
|                           | <b>UNIT-2</b>      | Ch 11: Composition and Structure of Atmosphere, Ch12: Insulation                                                                                                                                                                                                                                                                                                                                                |
|                           | <b>FINAL</b>       | Ch 11: Composition and Structure of Atmosphere, Ch12: Insulation, Ch13: Atmospheric Pressure and Winds, Ch 14: Humidity, Ch15: Transport, Ch16: Pollution types and sources, Ch17: Effect of Pollution<br>Ch18: Pollution Preventive measures, Ch19: Natural Regions of the World<br>Map work, Including all the Half Yearly syllabus.                                                                          |
| <b>S.U.P.W</b>            | <b>HALF-YEARLY</b> | Project file. Five Indian Dishes, Decorate four Kulhars with clay, Fabric paint...T – shirt, On the day of exam...Hamming on hanky                                                                                                                                                                                                                                                                              |
|                           | <b>FINAL</b>       | Project file....Five Indian dresses, Dining table mat.6, Flower pot with flowers, On the day of exam.. Decorate a photo frame                                                                                                                                                                                                                                                                                   |