

**BEDI INTERNATIONAL SCHOOL BAREILLY**  
**SPLIT UP CURRICULUM FOR CLASS - XI SCIENCE (2024-2025)**

<b>SUBJECT</b>	<b>I UNIT TEST (August 2024)</b>	<b>ITERM EXAM (October 2024)</b>	<b>UNIT TEST- II(November 2024)</b>	<b>II TERM EXAM (March 2025)</b>
<b>E N G L I S H</b>	<p><b>Section – A (Reading)</b></p> <ul style="list-style-type: none"> <li>• Passage for comprehension</li> <li>• Passage for note making</li> </ul> <p><b>Section – B (Writing)</b></p> <ul style="list-style-type: none"> <li>• Advertisement</li> </ul> <p><b>Section – C (Grammar)</b></p> <ul style="list-style-type: none"> <li>• Tenses</li> </ul> <p><b>Section – D (Literature)</b>  <b>Hornbill -</b></p> <ul style="list-style-type: none"> <li>• <b>Prose:</b> Ch-1 The Portrait of a Lady</li> <li>• <b>Poetry:</b> Ch-1 A Photograph</li> </ul> <p><b>Snapshots -</b></p> <ul style="list-style-type: none"> <li>• <b>Prose:</b> Ch-1 The Summer of the Beautiful White Horse</li> </ul>	<p><b>Section – A (Reading)</b></p> <ul style="list-style-type: none"> <li>• Passage for comprehension</li> <li>• Passage for note making</li> </ul> <p><b>Section – B (Writing)</b></p> <ul style="list-style-type: none"> <li>• Poster Making</li> <li>• Debate</li> <li>• Speech</li> <li>• Advertisement</li> </ul> <p><b>Section – C (Grammar)</b></p> <ul style="list-style-type: none"> <li>• Clauses</li> <li>• Tenses</li> <li>• Reordering</li> <li>• Transformation of sentences</li> </ul> <p><b>Section – D (Literature)</b>  <b>Hornbill -</b>  <b>Prose</b></p> <ul style="list-style-type: none"> <li>• Ch-1 The Portrait of a Lady</li> <li>• Ch-2 We’re not Afraid to Die- If We can all be Together?</li> <li>• Ch-3 Discovering Tut- The Saga Continues</li> </ul> <p><b>Poetry:</b></p> <ul style="list-style-type: none"> <li>• Ch-1 A Photograph</li> <li>• Ch-4 The Voice of the Rain</li> </ul> <p><b>Snapshots -</b></p> <ul style="list-style-type: none"> <li>• Ch-1 The Summer of the Beautiful White Horse</li> <li>• Ch-2 The Address</li> </ul>	<p><b>Section – A (Reading)</b></p> <ul style="list-style-type: none"> <li>• Passage for comprehension</li> <li>• Passage for note making</li> </ul> <p><b>Section – B (Writing)</b></p> <ul style="list-style-type: none"> <li>• Debate</li> <li>• Advertisement</li> </ul> <p><b>Section – C (Grammar)</b></p> <ul style="list-style-type: none"> <li>• Clauses</li> <li>• Tenses</li> <li>• Reordering</li> <li>• Transformation of sentences</li> </ul> <p><b>Section – D (Literature)</b>  <b>Hornbill -</b>  <b>Prose</b></p> <ul style="list-style-type: none"> <li>• Ch-7 The Adventure</li> <li>• Ch-8 Silk Road</li> </ul> <p><b>Poetry</b></p> <ul style="list-style-type: none"> <li>• Ch-6 Childhood</li> <li>• Ch-3 The Laburnum Top</li> </ul> <p><b>Snapshots -</b></p> <ul style="list-style-type: none"> <li>• <b>Prose: B</b> Ch-5 Mother’s Day</li> </ul>	<p><b>Section – A (Reading)</b></p> <ul style="list-style-type: none"> <li>• Passage for comprehension</li> <li>• Passage for note making</li> </ul> <p><b>Section – B (Writing)</b></p> <ul style="list-style-type: none"> <li>• Debate</li> <li>• Speech Writing</li> <li>• Poster Making</li> <li>• Advertisement</li> </ul> <p><b>Section – C (Grammar)</b></p> <ul style="list-style-type: none"> <li>• Clauses</li> <li>• Tenses</li> <li>• Reordering</li> <li>• Transformation of sentences</li> </ul> <p><b>Section – D (Literature) Hornbill</b>  <b>Prose:</b></p> <ul style="list-style-type: none"> <li>• Ch-1 The portrait of a lady</li> <li>• Ch-2 We’re not afraid to die</li> <li>• Ch-3 Discovering Tut- The Saga Continues</li> <li>• Ch-7 The Adventure</li> <li>• Ch-8 Silk Road</li> </ul> <p><b>Poetry:</b></p> <ul style="list-style-type: none"> <li>• Ch-1 A Photograph</li> <li>• Ch-3 The Laburnum Top</li> <li>• Ch-4 The Voice of the Rain</li> <li>• Ch-6 Childhood</li> <li>• Ch-8 Father to Son</li> </ul> <p><b>Snapshots -</b>  <b>Prose:</b> Ch-1 The Summer of the Beautiful White Horse</p> <ul style="list-style-type: none"> <li>• Ch-2 The Address</li> <li>• Ch-5 Mother’s Day</li> <li>• Ch-7 Birth</li> <li>• Ch-8The Tale of the Melon City</li> </ul>

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**UNIT 1 Physical World and measurement**

- Ch-2 Unit & measurements

**UNIT 2 Kinematics**

- Ch-3. Motion in a straight line
- Ch - 4. Motion in a plane

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**UNIT 3 Laws of motion**

- Ch - 5 Laws of Motion

**UNIT 4 Work, Energy and Power**

- Ch - 6. Work, Energy and Power

**UNIT 5 Motion of system of particles & Rational motion**

- Ch - 7 System of particles & Rational motion

**Practical Assessment :**

1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.

**UNIT 6 Gravitation**

- Ch -8 Gravitation. Ray optics

**UNIT 7 Properties of Bulk Matter**

- Ch - 9 Mechanical Properties of solids
- Ch - 11 Thermal properties of matter

**Practical Assessment :**

1. To measure diameter of a given wire and thickness of a given sheet using screw gauge.

**UNIT 1 Physical World and measurement**

- Ch-2 Unit of measurements

**UNIT 2 Kinematics**

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**UNIT 6 Gravitation**

- Ch - 8. Gravitation

**UNIT 7 Properties of Bulk Matter**

- Ch - 9 Mechanical Properties of solids
- Ch 10 Mechanical properties of fluids
- Ch - 11 Thermal properties of matter

**UNIT 8 Thermodynamics**

- Ch - 12 Thermodynamics

**UNIT 9 Kinetic theory of Gases**

- Ch-13 Behaviour of perfect gases & Kinetic theory of Gases

**UNIT 10 Oscillation & Waves**

- Ch - 14 Oscillations
- Ch - 15 Waves

**Practical Assessment :**

1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker using Vernier Callipers and hence find its volume.
2. To measure diameter of a given wire and thickness of a given sheet using screw gauge.

<b>B I O L O G Y</b>	<ul style="list-style-type: none"> <li>• Ch - 1. The Living World</li> <li>• Ch -2. Biological Classification</li> <li>• Ch -3. Plant Kingdom</li> </ul>	<ul style="list-style-type: none"> <li>• Ch - 1. The Living World</li> <li>• Ch -2. Biological Classification</li> <li>• Ch -3. Plant Kingdom</li> <li>• Ch -4. Animals Kingdom</li> <li>• Ch - 5. Morphology of Flowering Plants</li> <li>• Ch - 6. Anatomy of Flowering Plants</li> <li>• Ch - 7. Structural Organization in Animals</li> <li>• Ch - 8. Cell: The unit of life</li> <li>• Ch - 9. Biomolecules</li> <li>• Ch - 10. Cell cycle &amp; cell division</li> </ul>	<ul style="list-style-type: none"> <li>• Ch - 13. Photosynthesis in higher plants</li> <li>• Ch - 14. Respiration in plants</li> <li>• Ch -15. Plant Growth &amp; Development</li> </ul>	<ul style="list-style-type: none"> <li>• Ch - 1. The Living World</li> <li>• Ch -2. Biological Classification</li> <li>• Ch -3. Plant Kingdom</li> <li>• Ch -4. Animals Kingdom</li> <li>• Ch - 5. Morphology of Flowering Plants</li> <li>• Ch - 6. Anatomy of Flowering Plants</li> <li>• Ch - 7. Structural Organization in Animals</li> <li>• Ch - 8. Cell: The unit of life</li> <li>• Ch - 9. Biomolecules</li> <li>• Ch - 10. Cell cycle &amp; cell division</li> <li>• Ch - 13. Photosynthesis in higher plants</li> <li>• Ch - 14. Respiration in plants</li> <li>• Ch -15. Plant Growth &amp; Development</li> <li>• Ch - 17. Breathing &amp; exchange of gases</li> <li>• Ch - 18. Body fluids &amp; circulation</li> <li>• Ch - 19. Excretory Products &amp; their limitations</li> <li>• Ch - 20. Locomotion &amp; movement</li> <li>• Ch - 21. Neural control &amp; coordination</li> <li>• Ch - 22. Chemical coordinates &amp; Integrations</li> </ul>
<b>C O M P.  S C I E N C E</b>	<ul style="list-style-type: none"> <li>• Ch-2: Data Representation</li> <li>• Ch-3: Boolean Logic</li> </ul>	<ul style="list-style-type: none"> <li>• Ch-1: Computer System Overview</li> <li>• Ch-2: Data Representation</li> <li>• Ch-3: Boolean Logic</li> <li>• Ch-4 Introduction to Problem Solving</li> <li>• Ch-5 Getting started with Python</li> <li>• Ch-6 Python Fundamentals</li> <li>• Ch-7 Data Handling</li> <li>• Ch-8 Flow of Control</li> </ul>	<ul style="list-style-type: none"> <li>• Ch-9 String Manipulation</li> <li>• Ch-10 List manipulation</li> <li>• Ch-14 Cyber Safety</li> <li>• Ch-16 Society, law and ethics</li> </ul>	<ul style="list-style-type: none"> <li>• Ch-1: Computer System Overview</li> <li>• Ch-2: Data Representation</li> <li>• Ch-3: Boolean Logic</li> <li>• Ch-4 Introduction to Problem Solving</li> <li>• Ch-5 Getting started with Python</li> <li>• Ch-6 Python Fundamentals</li> <li>• Ch-7 Data Handling</li> <li>• Ch-8 Flow of Control</li> <li>• Ch-9 String manipulation</li> <li>• Ch-10 List manipulation</li> <li>• Ch-11 Tuples</li> <li>• Ch-12 Dictionaries</li> <li>• Ch-13 Understanding Sorting</li> <li>• Ch-14 Cyber safety</li> </ul>

				<ul style="list-style-type: none"> <li>Ch-15 Online access and computer security</li> <li>Ch-16 Society, law and ethics</li> </ul>
<b>C H E M I S T R Y</b>	<ul style="list-style-type: none"> <li>Ch-1 Some Basic Concepts of chemistry.</li> <li>Ch-2 Structure of Atom</li> <li>Ch-3 Classifications of elements and periodicity in properties</li> </ul>	<ul style="list-style-type: none"> <li>Ch-1 Some Basic Concepts of chemistry</li> <li>Ch-2 Structure of Atom</li> <li>Ch-3 Classifications of elements and periodicity in properties</li> <li>Ch-4 Chemical Bonding &amp; molecular structure</li> <li>Ch-5 Chemical Thermodynamics</li> </ul>	<ul style="list-style-type: none"> <li>Ch-6 Equilibrium</li> <li>Ch-7 Redox Reactions</li> </ul>	<ul style="list-style-type: none"> <li>Ch-1 Some Basic Concepts of chemistry</li> <li>Ch-2 Structure of Atom</li> <li>Ch-3 Classifications of elements and periodicity in properties</li> <li>Ch-4 Chemical Bonding &amp; molecular structure</li> <li>Ch-5 Chemical Thermodynamics</li> <li>Ch-6 Equilibrium</li> <li>Ch-7 Redox Reactions</li> <li>Ch-8 Organic chemistry: some basic principles &amp; techniques</li> <li>Ch-9 Hydrocarbon</li> </ul>
<b>M A T H S</b>	<ul style="list-style-type: none"> <li>Ch – 4 Trigonometric</li> <li>Ch – 13 Complex Number</li> </ul>	<ul style="list-style-type: none"> <li>Ch – 1Set</li> <li>Ch – 2 Relations</li> <li>Ch – 3 Function</li> <li>Ch – 4 Trigonometric</li> <li>Ch – 13 Complex Number</li> <li>Ch – 14 Quadratic Equation</li> <li>Ch – 15 Linear Equation</li> </ul>	<ul style="list-style-type: none"> <li>Ch – 1 Set</li> <li>Ch – 2 Relations</li> <li>Ch – 3 Function</li> </ul>	<p><b>Unit – 1 Set &amp; Functions</b></p> <ul style="list-style-type: none"> <li>1. Sets</li> <li>2.Relation &amp; Function</li> <li>3.Trigonometric Function</li> </ul> <p><b>Unit – 2 Algebra</b></p> <ul style="list-style-type: none"> <li>1. Complex Number &amp; quadratic Equation</li> <li>2. Linear equation</li> <li>3. Permutation</li> <li>4. Combination</li> <li>5. Binomial Theorem</li> <li>6. Arithmetic progression</li> <li>7. Geometric progression</li> <li>8. Some special series</li> </ul> <p><b>Unit – 3 Coordinate Geometry</b></p> <ul style="list-style-type: none"> <li>1.Brief review of Cartesian system of rectangular co-ordinates</li> <li>2. The straight lines</li> <li>3. Circle</li> <li>4. Parabola</li> <li>5. Hyperbola</li> <li>6. Ellipse</li> <li>7. Introduction of 3D</li> </ul> <p><b>Unit – 4 Calculus</b></p> <ul style="list-style-type: none"> <li>1.Limit &amp; Derivates</li> </ul> <p>Unit – 5 Statistics &amp; Probability</p>
<b>P H</b>	<p><b>UNIT – I</b></p> <ul style="list-style-type: none"> <li>Changing Trends &amp; Career in Physical</li> </ul>	<p><b>UNIT – I</b></p> <ul style="list-style-type: none"> <li>Changing Trends &amp; Career in Physical Education</li> </ul>	<p><b>UNIT – VI</b></p> <ul style="list-style-type: none"> <li>Physical Activity and Leadership Training</li> </ul>	<p><b>UNIT – I</b></p> <ul style="list-style-type: none"> <li>Changing Trends &amp; Career in Physical Education</li> </ul>

<p><b>E</b></p>	<p>Education <b>UNIT - II</b></p> <ul style="list-style-type: none"> <li>• Olympic Value Education</li> </ul>	<p><b>UNIT - II</b></p> <ul style="list-style-type: none"> <li>• Olympic Value Education</li> </ul> <p><b>UNIT - III</b></p> <ul style="list-style-type: none"> <li>• Yoga</li> </ul> <p><b>UNIT - IV</b></p> <ul style="list-style-type: none"> <li>• Physical Education &amp; sports for CWSN</li> </ul> <p><b>UNIT - V</b></p> <ul style="list-style-type: none"> <li>• Physical fitness, Health &amp; Wellness</li> </ul>	<p><b>UNIT - VII</b></p> <ul style="list-style-type: none"> <li>• Test, Measurement &amp; Evaluation</li> </ul>	<p><b>UNIT - II</b></p> <ul style="list-style-type: none"> <li>• Olympic Value Education</li> </ul> <p><b>UNIT - III</b></p> <ul style="list-style-type: none"> <li>• Physical fitness, Health &amp; Wellness</li> </ul> <p><b>UNIT - IV</b></p> <ul style="list-style-type: none"> <li>• Physical Education &amp; sports for (CWSN)</li> </ul> <p><b>UNIT - V</b></p> <ul style="list-style-type: none"> <li>• Yoga</li> </ul> <p><b>UNIT - VI</b></p> <ul style="list-style-type: none"> <li>• Physical Activity and Leadership Training</li> </ul> <p><b>UNIT - VII</b></p> <ul style="list-style-type: none"> <li>• Test, Measurement &amp; Evaluation</li> </ul> <p><b>UNIT - VIII</b></p> <ul style="list-style-type: none"> <li>• Fundamentals of Anatomy, Physiology &amp; Kinesiology in sports</li> </ul> <p><b>UNIT - IX</b></p> <ul style="list-style-type: none"> <li>• Psychology &amp; Sports</li> </ul> <p><b>UNIT - X</b></p> <ul style="list-style-type: none"> <li>• Training &amp; Doping in sports</li> </ul>
<p><b>H I N D I</b></p>	<p>खण्ड- क (अपठित)</p> <ul style="list-style-type: none"> <li>• अपठित गद्यांश</li> <li>• अपठित पद्यांश</li> </ul> <p>खण्ड- ख (व्याकरण)</p> <ul style="list-style-type: none"> <li>• जनसंचार के माध्यम एवं साधन</li> <li>• पत्र-लेखन (औपचारिक)</li> <li>• रचनात्मक लेखन</li> </ul> <p>खण्ड- ग (पाठ्य पुस्तक)</p> <p>गद्य खण्ड</p> <ul style="list-style-type: none"> <li>• पाठ-1 प्रेमचंद-नमक का दरोगा</li> <li>• पाठ-2 कृष्णा सोबती-मियाँ नसीरुद्दीन</li> </ul> <p>काव्य खण्ड</p> <ul style="list-style-type: none"> <li>• पाठ-11 कबीर- 1हम तौर एक-एक करि जाना।</li> <li>• पाठ-12 मीरा- 1. मेरे तो गिरधर गोपाल, दूसरों ना कोई।</li> </ul>	<p>खण्ड- क (अपठित)</p> <ul style="list-style-type: none"> <li>• अपठित गद्यांश</li> <li>• अपठित पद्यांश</li> </ul> <p>खण्ड- ख (व्याकरण)</p> <ul style="list-style-type: none"> <li>• जनसंचार माध्यम एवं साधन</li> <li>• पत्रकारिता के विविध आयाम</li> <li>• शब्दकोष</li> <li>• रचनात्मक लेखन</li> <li>• पत्र लेखन</li> </ul> <p>खण्ड- ग (पाठ्य पुस्तक)</p> <p>गद्य खण्ड</p> <ul style="list-style-type: none"> <li>• पाठ-1 प्रेमचंद-नमक का दरोगा</li> <li>• पाठ-2 कृष्णा सोबती-मियाँ नसीरुद्दीन</li> <li>• पाठ-3 सत्यजीत राय -अपू के साथ ढाई साल</li> <li>• पाठ-4 बालकृष्ण गुप्त-विदाई संभाषण</li> </ul> <p>काव्य खण्ड</p>	<p>खण्ड- क (अपठित)</p> <ul style="list-style-type: none"> <li>• अपठित गद्यांश</li> <li>• अपठित पद्यांश</li> </ul> <p>खण्ड- ख (व्याकरण)</p> <ul style="list-style-type: none"> <li>• जनसंचार माध्यम</li> <li>• पत्रकारिता के विविध आयाम</li> <li>• नए और अप्रत्याशित विषयों पर लेखन</li> <li>• कार्यालयी पत्र लेखन</li> <li>• कैसे लिखे कहानी</li> <li>• रचनात्मक लेखन</li> <li>• शब्दकोश</li> </ul> <p>खण्ड- ग (पाठ्य पुस्तक)</p> <p>गद्य खण्ड</p> <ul style="list-style-type: none"> <li>• पाठ-1 प्रेमचंद-नमक का दरोगा</li> <li>• पाठ-2 कृष्णा सोबती-मियाँ नसीरुद्दीन</li> <li>• पाठ-3 सत्यजीत राय -अपू के</li> </ul>	<p>खण्ड- क (अपठित)</p> <ul style="list-style-type: none"> <li>• अपठित गद्यांश</li> <li>• अपठित पद्यांश</li> </ul> <p>खण्ड- ख (व्याकरण)</p> <ul style="list-style-type: none"> <li>• जनसंचार माध्यम</li> <li>• पत्रकारिता के विविध आयाम</li> <li>• शब्दकोष</li> <li>• कार्यालयी पत्र लेखन</li> <li>• रचनात्मक लेखन</li> <li>• कैसे लिखे कहानी</li> <li>• डायरी लिखने की विधा</li> <li>• शब्दकोश</li> <li>• स्ववृत्त लेखन</li> </ul> <p>खण्ड- ग (पाठ्य पुस्तक)</p> <p>गद्य खण्ड</p> <ul style="list-style-type: none"> <li>• पाठ-1 प्रेमचंद-नमक का दरोगा</li> <li>• पाठ-2 कृष्णा सोबती-मियाँ नसीरुद्दीन</li> </ul>

		<ul style="list-style-type: none"> <li>● पाठ-11 कबीर- 1हम तौर एक-एक करि जाना।</li> <li>● पाठ-12 मीरा- 1. मेरे तो गिरधर गोपाल, दूसरों ना कोई।</li> <li>● पाठ-15 घर की याद-भवानी प्रसाद मिश्र</li> </ul> <p>खण्ड- घ (वितान)</p> <ul style="list-style-type: none"> <li>● पाठ-1 भारतीय गायिकाओ में बेजोड़ -लता मंगेशकर</li> </ul>	<p>साथ ढाई साल</p> <ul style="list-style-type: none"> <li>● पाठ-4 बालकृष्ण गुप्त-विदाई संभाषण</li> <li>● पाठ-5 गलता लोहा- शेखर जोशी</li> <li>● पाठ-7 रजनी-मन्नू भंडारी काव्य खण्ड</li> <li>● पाठ-11 कबीर- 1हम तौर एक-एक करि जाना।</li> <li>● पाठ-12 मीरा- 1. मेरे तो गिरधर गोपाल, दूसरों ना कोई।</li> <li>● पाठ-15 घर की याद-भवानी प्रसाद मिश्र</li> <li>● पाठ-16 चंपा काले-काले अक्षर नही चीन्हतीं</li> <li>● पाठ-17 गजल-दुष्यंत कुमार</li> </ul> <p>खण्ड- घ (वितान)</p> <ul style="list-style-type: none"> <li>● पाठ-1 भारतीय गायिकाओ में बेजोड़ -लता मंगेशकर</li> <li>● पाठ-2 राजस्थान की रजत-बूँदें</li> </ul>	<ul style="list-style-type: none"> <li>● पाठ-3 सत्यजीत राय -अपू के साथ ढाई साल</li> <li>● पाठ-4 बालकृष्ण गुप्त-विदाई संभाषण</li> <li>● पाठ-5 गलता लोहा- शेखर जोशी</li> <li>● पाठ-7 रजनी-मन्नू भंडारी</li> <li>● पाठ-8 जामुन का पेड-कृष्णचंदर</li> <li>● पाठ-9 भारत माता- जवाहरलाल नेहरू काव्य खण्ड</li> <li>● पाठ-11 कबीर- 1हम तौर एक-एक करि जाना।</li> <li>● पाठ-12 मीरा- 1. मेरे तो गिरधर गोपाल, दूसरों ना कोई।</li> <li>● पाठ-15 घर की याद-भवानी प्रसाद मिश्र</li> <li>● पाठ-16 चंपा काले-काले अक्षर नही चीन्हतीं</li> <li>● पाठ-17 गजल-दुष्यंत कुमार</li> <li>● पाठ-18 हे भूख मत मचल हे मरे जूही के फूल जैसे ईश्वर</li> <li>● पाठ-19 सबसे खतरनाक- अवतार सिंह पाश</li> <li>● पाठ-20 निर्मला पुतुल- आओ मिलकर बचाएँ</li> </ul> <p>खण्ड- घ (वितान)</p> <ul style="list-style-type: none"> <li>● पाठ-1 भारतीय गायिकाओ में बेजोड़ -लता मंगेशकर</li> <li>● पाठ-2 राजस्थान की रजत-बूँदें</li> <li>● पाठ-3 बेबी हालदार-आलो आँधारि</li> </ul>
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