

BEDI INTERNATIONAL SCHOOL, BAREILLY
SPLIT UP CURRICULUM FOR CLASS - XII SCIENCE (2024 - 2025)

SUBJECT	I UNIT TEST (May 2024)	ITERM EXAM (September 2024)	PRE-BOARD-1 (Nov. 2024)	PRE-BOARD-2 (Jan. 2025)
E N G L I S H	<p><u>Reading Skills</u></p> <ul style="list-style-type: none"> • Unseen Passage <p>Writing Skills :</p> <ul style="list-style-type: none"> • Notice Writing <p><u>Literature</u> <u>Flamingo</u> -</p> <ul style="list-style-type: none"> • The Last Lesson • My Mother at Sixty Six (Poem) <p><u>Vistas</u> - The Third Level</p>	<p style="text-align: center;"><u>READING</u></p> <ul style="list-style-type: none"> • Passage for comprehension • Case based Passage <p style="text-align: center;"><u>WRITING</u></p> <ul style="list-style-type: none"> • Notice Writing • Invitations & replies • Job Application • Letter to the Editor • Article Writing • Report Writing <p style="text-align: center;"><u>LITERATURE</u></p> <p>Flamingo- Prose:</p> <ul style="list-style-type: none"> • The Last Lesson • The Rattrap • Lost Spring • Deep Water • Indigo <p>Poetry:</p> <ul style="list-style-type: none"> • My Mother at Sixty Six • A Thing of Beauty • Keeping Quiet • Aunt Jennifer's Tigers <p>Vistas -</p> <ul style="list-style-type: none"> • The Third Level • The Tiger King • Journey to the End of the Earth • The Enemy 	<p style="text-align: center;"><u>READING</u></p> <ul style="list-style-type: none"> • Passage for comprehension • Case based Passage <p style="text-align: center;"><u>WRITING</u></p> <ul style="list-style-type: none"> • Notice Writing • Invitations & replies • Job Application • Letter to the Editor • Article Writing • Report Writing <p style="text-align: center;"><u>LITERATURE</u></p> <p>Flamingo- Prose:</p> <ul style="list-style-type: none"> • The Last Lesson • The Rattrap • Lost Spring, • Deep Water • Indigo • Poets and Pancakes • The Interview • Going Places <p>Poetry:</p> <ul style="list-style-type: none"> • My Mother at Sixty Six • A Thing of Beauty • Keeping Quiet • Aunt Jennifer's Tigers • A Roadside Stand <p>Vistas -</p> <ul style="list-style-type: none"> • The Third Level • The Tiger King • Journey to the End of the Earth • The Enemy • On the Face of it • Memories of Childhood (i) The Cutting of My Long Hair (ii) We Too are Human Beings 	<p style="text-align: center;"><u>READING</u></p> <ul style="list-style-type: none"> • <u>Passage for comprehension</u> • <u>Case based Passage</u> <p style="text-align: center;"><u>WRITING</u></p> <ul style="list-style-type: none"> • Notice Writing • Invitations & replies • Job Application • Letter to the Editor • Article Writing • Report Writing <p style="text-align: center;"><u>LITERATURE</u></p> <p>Flamingo- Prose:</p> <ul style="list-style-type: none"> • The Last Lesson • The Rattrap • Lost Spring, • Deep Water • Indigo • Poets and Pancakes • The Interview • Going Places <p>Poetry:</p> <ul style="list-style-type: none"> • My Mother at Sixty Six • A Thing of Beauty • Keeping Quiet • Aunt Jennifer's Tigers • A Roadside Stand <p><u>Vistas</u> -</p> <ul style="list-style-type: none"> • The Third Level • The Tiger King • Journey to the End of the Earth • The Enemy • On the Face of it. • Memories of Childhood (i) The Cutting of My Long Hair (ii) We Too are Human Beings

<p style="text-align: center;">B I O L O G Y</p>	<ul style="list-style-type: none"> • Ch-2. Sexual Reproduction In flowering Plants • Ch-3. Human Reproduction 	<ul style="list-style-type: none"> • Ch-2. Sexual Reproduction in flowering Plants • Ch-3. Human Reproduction • Ch-4. Reproductive Health • Ch-5. Principles of Inheritance • Ch-6. Molecular basis of Inheritance & Variation • Ch-7. Evolution 	<ul style="list-style-type: none"> • Ch-2. Sexual Reproduction in flowering Plants • Ch-3. Human Reproduction • Ch-4. Reproductive Health • Ch-5. Principles of Inheritance • Ch-6. Molecular basis of Inheritance & Variation • Ch-7. Evolution • Ch-8. Human Health & Diseases • Ch-10. Microbes in Human Welfare • Ch-11. Biotechnology- Principles & Processes • Ch-12. Biotechnology & its Application • Ch-13. Organisms & Population • Ch-14. Ecosystem • Ch-15. Biodiversity & its conservation 	<ul style="list-style-type: none"> • Ch-2. Sexual Reproduction in flowering Plants • Ch-3. Human Reproduction • Ch-4. Reproductive Health • Ch-5. Principles of Inheritance • Ch-6. Molecular basis of Inheritance & Variation • Ch-7. Evolution • Ch-8. Human Health & Diseases • Ch-10. Microbes in Human Welfare • Ch-11. Biotechnology- Principles & Processes • Ch-12. Biotechnology & its Application • Ch-13. Organisms & Population • Ch-14. Ecosystem • Ch-15. Biodiversity & its conservation
<p style="text-align: center;">C H E M I S T R Y</p>	<p>1.Solutions 2.Electrochemistry</p>	<p>1.Solutions 2.Electrochemistry 3.Chemical Kinetics 4.d and f block elements 5.Coordinations 6.Haloalkanes and Haloarenes</p>	<p>1.Solutions 2.Electrochemistry 3.Chemical Kinetics 4.d and f block elements 5.Coordination Compounds 6.Haloalkanes and Haloarenes 7.Alcohols, Phenols and Ethers 8.Aldehydes, Ketones and Carboxylic acids 9.Amines 10.Biomolecules</p>	<p>1.Solutions 2.Electrochemistry 3.Chemical Kinetics 4.d and f block elements 5.Coordination Compounds 6.Haloalkanes and Haloarenes 7.Alcohols, Phenols and Ethers 8.Aldehydes, Ketones and Carboxylic acids 9.Amines 10.Biomolecules</p>
<p style="text-align: center;">P H Y S I C S</p>	<p>UNIT - I Eletrostatics •Ch 1 Electric Charges & Fields •Ch 2 Electrostatic Potential & Capacitance</p>	<p>UNIT - I Eletrostatics •Ch 1 Electric Charges & Fields •Ch 2 Electrostatic Potential & Capacitance UNIT - II Current Electricity •Ch 3 Current Electricity UNIT - III Magnetism •Ch 4 Moving charges & Magnetism</p>	<p>UNIT - I Eletrostatics •Ch 1 Electric Charges & Fields •Ch 2 Electrostatic Potential & Capacitance UNIT - II Current Electricity •Ch 3 Current Electricity UNIT - III Magnetism •Ch 4 Moving charges & Magnetism</p>	<p>UNIT - I Eletrostatics •Ch 1 Electric Charges & Fields •Ch 2 Electrostatic Potential & Capacitance UNIT - II Current Electricity •Ch 3 Current Electricity UNIT - III Magnetism •Ch 4 Moving charges & Magnetism</p>

		<ul style="list-style-type: none"> •Ch 5 Magnetism & Matter UNIT - IV EMI & AC <ul style="list-style-type: none"> •Ch 6 EMI •Ch 7 AC UNIT - V Electro Magnetic Waves <ul style="list-style-type: none"> •Ch 8 EMW 	<ul style="list-style-type: none"> •Ch 5 Magnetism & Matter UNIT - IV EMI & AC <ul style="list-style-type: none"> •Ch 6 EMI •Ch 7 AC UNIT - V Electro Magnetic Waves <ul style="list-style-type: none"> •Ch 8 EMW UNIT - VII Dual Nature of Radiation & Matter <ul style="list-style-type: none"> •Ch 11 Dual Matter of Radiation and Matter UNIT - VIII Atoms & Nuclei <ul style="list-style-type: none"> •Ch 12 Atoms •Ch 13 Nuclei UNIT - IX Electronic Devices <ul style="list-style-type: none"> •Ch 14 Semiconductors 	<ul style="list-style-type: none"> •Ch 5 Magnetism & Matter UNIT - IV EMI & AC <ul style="list-style-type: none"> •Ch 6 EMI •Ch 7 AC UNIT - V Electro Magnetic Waves <ul style="list-style-type: none"> •Ch 8 EMW UNIT - VI Optics <ul style="list-style-type: none"> •Ch 9 Ray Optics •Ch 10 Wave Optics UNIT - VII Dual Nature of Radiation & Matter <ul style="list-style-type: none"> •Ch 11 Dual Matter of Radiation and Matter UNIT - VIII Atoms & Nuclei <ul style="list-style-type: none"> •Ch 12 Atoms •Ch 13 Nuclei UNIT - IX Electronic Devices <ul style="list-style-type: none"> •Ch 14 Semiconductors
C O M P · S C I E N C E	<ul style="list-style-type: none"> • 1. Python Revision Tour • 2. Python Revision Tour-II 	<ul style="list-style-type: none"> • 1. Python Revision Tour • 2. Python Revision Tour-II • 3. Working with Functions • 4. Using Python Libraries • 5. File Handling • 11. Relational Databases • 12. Simple queries in SQL • 13. Table creation and Data Manipulation Commands • 14. Grouping Records, Joins in SQL Practical Assessment: <ul style="list-style-type: none"> • Programming based on Functions, File handling, SQL commands 	<ul style="list-style-type: none"> • 1. Python Revision Tour • 2. Python Revision Tour-II • 3. Working with Functions • 4. Using Python Libraries • 5. File Handling • 9. Data structures II-Stacks using lists • 10. Communication and Network concepts • 11. Relational Databases • 12. Simple Queries in SQL • 13. Table creation and Data Manipulation Commands • 14. Grouping Records, Joins in SQL • 15. Interface Python with MySQL Practical Assessment: <ul style="list-style-type: none"> • Programming based on all topics of Python programming, SQL commands 	<ul style="list-style-type: none"> • 1. Python Revision Tour • 2. Python Revision Tour-II • 3. Working with Functions • 4. Using Python Libraries • 5. File Handling • 9. Data structures II-Stacks using lists • 10. Communication and Network concepts • 11. Relational Databases • 12. Simple Queries in SQL • 13. Table creation and Data Manipulation Commands • 14. Grouping Records, Joins in SQL • 15. Interface Python with MySQL Practical Assessment: <ul style="list-style-type: none"> • Programming based on all topics of Python programming, SQL commands

M A T H S

- Matrices
- Adjoint & Inverse of Matrices
- Solution of Linear Equation
- Application of Determinants

- Inverse Trigonometric Function
- Matrices
- Application of Determinants
- Adjoint & Inverse of Matrices
- Solution of Linear Equation
- Continuity
- Differentiability
- Differentiation
- Higher Order Derivative
- Maxima & Minima
- Increasing & Decreasing

- Relation & Function
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- Higher Order Derivative
- Maxima & Minima
- Increasing & Decreasing
- Indefinite Integral
- Definite Integral
- Area Bounded Region
- Differential Equation
- Vector
- 3 Dimensional
- Straight Line

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- Definite Integral
- Area Bounded Region
- Differential Equation
- Vector
- 3 Dimensional
- Straight Line
- Probability

H I N D I

- खंड 'क' (अपठित बोध)
- अपठित गद्यांश
 - अपठित पद्यांश
- खंड 'ख' (अभिव्यक्ति और माध्यम)
- नए और अप्रत्याशित विषयों पर लेखन
 - विभिन्न माध्यमों के लिए लेखन
 - रचनात्मक लेखन
- खंड 'ग' (पाठ्य पुस्तक)
- आरोह- गद्य खंड
- भक्तिन- महादेवी वर्मा
- पदय खंड
- आत्म परिचय, एक गीत- हरिवंश राय बच्चन
 - पतंग - आलोक धन्वा

- खण्ड - क (अपठित)
- अपठित गद्यांश
 - अपठित पद्यांश
- खण्ड - ख (व्याकरण)
- कार्यालयी हिन्दी और रचनात्मक लेखन, अभिव्यक्ति और माध्यम
 - विभिन्न माध्यमों के लिए लेखन
 - पत्रकारिता लेखन के विभिन्न रूप और लेखन प्रक्रिया
 - नए और अप्रत्याशित विषयों पर लेखन
 - रचनात्मक लेखन
- (खण्ड - ग) गद्य-खण्ड (आरोह)
- भक्तिन - महादेवी वर्मा
 - बाज़ार - दर्शन - जैनंद्र कुमार
 - काले मेघा पानी दे - धर्मवीर भारती
 - पहलवान की ढोलक- फणीश्वर नाथ रेणु
- पदय - खण्ड (आरोह)
- आत्म-परिचय, एक गीत-हरिवंशराय

- खण्ड - क (अपठित)
- अपठित गद्यांश
 - अपठित पद्यांश
- खण्ड - ख (व्याकरण)
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 - पत्रकारिता लेखन के विभिन्न रूप और लेखन प्रक्रिया
 - विशेष लेखन स्वरूप और प्रकार
 - कैसे करें कहानी का नाट्य रूपांतरण
 - कैसे बनता है रेडियो नाटक
 - नए और अप्रत्याशित विषयों पर लेखन
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 - पहलवान की ढोलक- फणीश्वर नाथ रेणु
 - शिरीष के फूल-हजारी प्रसाद द्विवेदी

- खण्ड - क (अपठित)
- अपठित गद्यांश
 - अपठित पद्यांश
- खण्ड - ख (व्याकरण)
- विभिन्न माध्यमों के लिए लेखन
 - पत्रकारिता लेखन के विभिन्न रूप और लेखन प्रक्रिया
 - विशेष लेखन स्वरूप और प्रकार
 - कैसे करें कहानी का नाट्य रूपांतरण
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- (खण्ड - ग) गद्य-खण्ड (आरोह)
- भक्तिन - महादेवी वर्मा ,
 - बाज़ार दर्शन - जैनंद्र कुमार
 - काले मेघा पानी दे - धर्मवीर भारती
 - पहलवान की ढोलक- फणीश्वर नाथ रेणु
 - शिरीष के फूल-हजारी प्रसाद द्विवेदी
 - श्रम विभाजन और जाति प्रथा

		<p>बच्चन</p> <ul style="list-style-type: none"> ● पतंग – आलोक धन्वा ● कविता के बहाने, बात सीधी थी—कुँवर नारायण ● कैमरे में बंद अपाहिज—रघुवीर सहाय ● कवितावली—गोस्वामी तुलसीदास, (खण्ड – घ) वितान ● सिल्वर वैडिंग – मनोहर श्याम जोशी ● जूझ— आनन्द यादव 	<ul style="list-style-type: none"> ● श्रम विभाजन और जाति प्रथा— बाबा अंबेडकर <p>पद्य – खण्ड (आरोह)</p> <ul style="list-style-type: none"> ● आत्म-परिचय, एकगीत—हरिवंशराय बच्चन ● पतंग – आलोक धन्वा ● कविता के बहाने, बात सीधी थी – कुँवर नारायण ● कैमरे में बंद अपाहिज—रघुवीर सहाय, ● उषा –शमशेर बहादुर सिंह ● बादल राग—सूर्यकांत त्रिपाठी 'निराला' ● कवितावली—गोस्वामी तुलसीदास, ● रुबाइयाँ और गज़ल—फिराक गोरखपुरी (खण्ड – घ) वितान ● सिल्वर वैडिंग – मनोहर श्याम जोशी ● जूझ— आनन्द यादव 	<p>पद्य – खण्ड (आरोह)</p> <ul style="list-style-type: none"> ● आत्म-परिचय, एकगीत—हरिवंशराय बच्चन ● पतंग – आलोक धन्वा ● कविता के बहाने, बात सीधी थी – कुँवर नारायण ● कैमरे में बंद अपाहिज—रघुवीर सहाय, ● उषा –शमशेर बहादुर सिंह ● बादल राग—सूर्यकांत त्रिपाठी 'निराला' ● कवितावली—गोस्वामी तुलसीदास, ● रुबाइयाँ –फिराक गोरखपुरी ● छोटा मेरा खेत, बगुलों के पंख – उमा शंकर जोशी (खण्ड – घ) वितान ● सिल्वर वैडिंग – मनोहर श्याम जोशी ● जूझ— आनन्द यादव ● अतीत के दबे पाँव
	<p>UNIT - I</p> <ul style="list-style-type: none"> ● Management of Sports Event 	<p>UNIT - I</p> <ul style="list-style-type: none"> ● Management of Sports Event <p>UNIT - II</p> <ul style="list-style-type: none"> ● Children and Women in Sports <p>UNIT - III</p> <ul style="list-style-type: none"> ● Yoga as Preventive Measures for Lifestyle Disease <p>UNIT - IV</p> <ul style="list-style-type: none"> ● Physical education and sports for (CWSN) <p>UNIT - V</p> <ul style="list-style-type: none"> ● Sports and Nutrition <p>UNIT - VI</p> <ul style="list-style-type: none"> ● Test and Measurement in sports <p>UNIT - VII</p> <ul style="list-style-type: none"> ● Physiology and Injuries in Sports <p>Practical Assessment:</p> <ul style="list-style-type: none"> ● 1. Physical Fitness ● 2. Athletics a- Any two events ● 3. Health & fitness Activity ● 4. Skill of any one individual 	<p>UNIT - I</p> <ul style="list-style-type: none"> ● Management Of Sports Event <p>UNIT - II</p> <ul style="list-style-type: none"> ● Children and Women in Sports <p>UNIT - III</p> <ul style="list-style-type: none"> ● Yoga as Preventive Measures for Lifestyle Disease <p>UNIT - IV</p> <ul style="list-style-type: none"> ● Physical Education and Sports for (CWSN) <p>UNIT - V</p> <ul style="list-style-type: none"> ● Sports and Nutrition <p>UNIT - VI</p> <ul style="list-style-type: none"> ● Test and Measurement in sports <p>UNIT - VII</p> <ul style="list-style-type: none"> ● Physiology and Injuries in Sports <p>UNIT - VIII</p> <ul style="list-style-type: none"> ● Biomechanics and Sports <p>UNIT - IX</p> <ul style="list-style-type: none"> ● Psychology and Sports <p>Practical Assessment:</p> <ul style="list-style-type: none"> ● Physical Fitness 	<p>UNIT - I</p> <ul style="list-style-type: none"> ● Management Of Sports Event <p>UNIT - II</p> <ul style="list-style-type: none"> ● Children and Women in Sports <p>UNIT - III</p> <ul style="list-style-type: none"> ● Yoga as Preventive Measures for Lifestyle Disease <p>UNIT - IV</p> <ul style="list-style-type: none"> ● Physical Education and Sports for (CWSN) <p>UNIT - V</p> <ul style="list-style-type: none"> ● Sports and Nutrition <p>UNIT - VI</p> <ul style="list-style-type: none"> ● Test and Measurement in sports <p>UNIT - VII</p> <ul style="list-style-type: none"> ● Physiology and Injuries in Sports <p>UNIT - VIII</p> <ul style="list-style-type: none"> ● Biomechanics and Sports <p>UNIT - IX</p> <ul style="list-style-type: none"> ● Psychology and Sports <p>UNIT - X</p> <ul style="list-style-type: none"> ● Training in Sports <p>Practical Assessment:</p> <ul style="list-style-type: none"> ● Physical Fitness

		game of choice from the list <ul style="list-style-type: none">• 5. Viva• 6. Record File	<ul style="list-style-type: none">• Athletics a- Any two events• Health & fitness Activity• Skill of any one individual game of choice from the list• Viva• Record File	<ul style="list-style-type: none">• Athletics a- Any two events• Health & fitness Activity• Skill of any one individual game of choice from the list• Viva• Record File
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