

**BML MUNJAL GREEN MEDOWS SCHOOL**

**CLASS XI (2022-23)**

**SYLLABUS FOR ANNUAL EXAMINATION**

S.No	SUBJECT	SYLLABUS
1.	<b>ENGLISH</b>	<p><b>SECTION: A (READING)</b></p> <p><b>UNSEEN PASSAGE</b>  <b>(Objective and Subjective)</b>                      1. Case – based,                      2. Factual, descriptive or literary.                      3. Note- Making and Summarization.</p> <p><b>SECTION: B (GRAMMAR AND WRITING)</b></p> <p><b>Grammar</b>                      1. Tenses,                      2. Clauses  <b>(Gap- filling, Reordering of Sentences/ transformation of sentences)</b></p> <p><b>Writing (Subjective)</b></p> <p><b>Short</b>                      1. Poster- Writing,                      2. Classified Advertisements</p> <p><b>Long</b>                      1. Speech- Writing,                      2. Debate- Writing</p> <p><b>SECTION: C</b>  <b>(LITERATURE)</b>  <b>(Objective and subjective)</b></p> <p><b>Hornbill Prose</b></p> <p>1. Silk Road,                      2. The portrait of the lady                      3. We're not afraid to die.....be together                      4. Discovering Tut: The saga continues. ,                      5. The Adventure</p> <p><b>Poems:</b></p> <p>1. The Laburnum Top,                      2. Father to Son                      3. A Photograph,                      4. The Voice of the Rain,                      5. Childhood</p> <p><b>Snapshots</b></p> <p>1. Mother's Day (play),                      2. The Summer of beautiful white horse.                      3. The Address.                      4. Birth,                      5. The Tale of Melon City</p>
2.	<b>PHYSICS</b>	<p><b>Ch–2:</b> Units and Measurements,                      <b>Ch–3:</b> Motion in a Straight Line  <b>Ch–4:</b> Motion in a Plane,                      <b>Ch–5:</b> Laws of Motion  <b>Ch–6:</b> Work, Energy and Power,                      <b>Ch –7:</b> System of Particles and</p> <p><b>Rotational Motion</b></p> <p><b>Ch–8:</b> Gravitation                      <b>Ch–9:</b> Mechanical Properties of Solids  <b>Ch–10:</b> Mechanical Properties of Fluids  <b>Ch–11:</b> Thermal Properties of matter,                      <b>Ch–12:</b> Thermodynamics  <b>Ch–13:</b> Kinetic Theory (Postulates),                      <b>Ch–14:</b> Oscillations  <b>Ch–15:</b> Waves</p>

3.	<b>CHEMISTRY</b>	Ch-1 Some basic concepts of chemistry Ch-2 Structure of atom Ch-3 Periodic classifications of elements Ch-4 Chemical bonding and molecular structure Ch-6 Chemical thermodynamics Ch-7 Equilibrium Ch-8 Redox reactions Ch-12 Organic Chemistry: some basic principles and techniques Ch-13 Hydrocarbons
4.	<b>MATHEMATICS</b>	Ch - 1: Sets Ch - 2: Relations and Functions Ch - 3: Trigonometric Functions Ch - 5: Complex Numbers and Quadratic Equations Ch - 6: Linear Inequalities Ch - 7: Permutations and Combinations Ch - 8: Binomial Theorem Ch - 9: Sequence & Series Ch - 10: Straight Lines Ch - 11 Conic Section Ch - 12 Introduction to 3D Ch - 13 Limits & Derivatives Ch - 15 Statistics Ch - 16 Probability
5.	<b>BIOLOGY</b>	Chapter 1: The Living World Chapter 2: Biological Classification Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organisation in Animals Chapter 8: Cell-The Unit of Life Chapter 9: Biomolecules Chapter-10: Cell Cycle and Cell Division Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plants Chapter 15: Plant Growth and Development Chapter 17: Breathing and Exchange of Gases Chapter 18: Body Fluids and Circulation Chapter 19: Excretory Products and Their Elimination Chapter 20: Locomotion and Movement Chapter 21: Neural Control and Coordination Chapter 22: Chemical Coordination and Integration
6.	<b>PHYSICAL EDUCATION</b>	1-Planning in sports 2- children and women in sports 3- yoga 4-sports and nutrition

		<p>5- test and measurement in sports</p> <p>6-physiology and sports</p> <p>7- biomechanics and sports</p> <p>8- psychology and sports</p> <p>9-Training in sports</p>
<b>7.</b>	<b>COMPUTER SCIENCE</b>	<p><b>Unit I:</b> Computer Systems and Organisation: ● Basic Computer Organisation ● Types of software ● Operating system (OS) ● Boolean logic ● Number system ● Encoding schemes</p> <p><b>Unit II:</b> Computational Thinking and Programming – 1: ● Introduction to problem solving ● Familiarization with the basics of Python programming ● Knowledge of data types ● Operators ● Expressions, statement, type conversion &amp; input/output ● Errors ● Conditional statements ● Iterative statements ● Strings ● Lists ● Tuples ● Dictionary ● Introduction to Python modules</p> <p><b>Unit III:</b> Society, Law and Ethics: ● Digital Footprints ● Digital society and Netizen ● Data protection ● Cyber-crime ● Cyber safety ● Safely accessing web sites ● E-waste management ● Indian Information Technology Act (IT Act) ● Technology &amp; Society</p>
<b>8.</b>	<b>COMMERCIAL ARTS</b>	<p><b>1.Pre - Historic Rock Paintings</b></p> <p>2.Bhimbetka - an introduction</p> <p>3. Study of Rock Paintings</p> <p>3.1 A Roaring Animal</p> <p>3.2 Wizard's Dance</p> <p>4.Art of Indus Valley - an introduction</p> <p>5.Budhista, Jain and Hindu Arts</p> <p>General Introduction to Art during Mauryan, Shunga, Kushana (Gandhara and Mathura styles) and Gupta period:</p> <p><b>2.Study and appreciation of following Sculptures:</b></p> <p>i. Lion Capital from Sarnath (Mauryan period) Polished sandstone, Circa 3rd Century B.C. (Collection: Sarnath Museum, U.P.)</p> <p>ii. Chauri Bearer from Didar Ganj (Yakshi) (Mauryan period) Polished sandstone Circa 3rd Century B.C. (Collection: Patna Museum, Bihar)</p> <p>iii. Seated Buddha from Katra Mound, Mathura-(Kushan Period Mathura Style) Red-spotted Sand Stone, Circa 3rd Century AD. (Collection: Govt. Museum, Mathura)</p> <p>iv.Jain Tirathankara (Gupta period) Stone Circa 5th Century A.D. (Collection: State Museum, Lucknow U.P.)</p> <p><b>3.Introduction to Ajanta Location</b></p> <p>Period, no of caves, Chaitya and Vihara, paintings and sculptures, subject matter and technique etc</p> <p>Padampani bodhisatva</p> <p>Mara vijaya</p>

		<p>Unit 3 Temple Sculpture, Bronzes and artistic aspects of Indo-Islamic Architecture</p> <p>Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13th Century A.D.)</p> <p>1) Introduction to Temple Sculpture (6th Century A.D. to 13th Century A.D.)</p> <p>2) Study and appreciation of following Temple-Sculptures:</p> <p>i.Descent of Ganga (Pallava period, Mahabalipuram, Tamil Nadu), granite rock Circa 7th Century A.D.</p> <p>ii.Trimuti (Elephanta, Maharashtra) Stone Circa 9th Century A.D.</p> <p>iii.Lakshmi Narayana (Kandariya Mahadev Temple) (Chandela period, Khajuraho, Madhya Pradesh) Stone Circa 10th Century A.D.</p> <p>iv.Cymbal Player, Sun Temple (Ganga Dynasty, Konark, Orrisa) Stone Circa 13th Century A.D.</p> <p>v. Mother and Child (Vimal-Shah Temple, Solanki Dynasty, Dilwara, Mount Abu; Rajasthan) white marble, Circa 13th Century A.D.</p> <p>Unit-4 Bronzes and Artistic aspects of Indo-Islamic architecture</p> <p>1. Introduction to Indian Bronzes.</p> <p>2. Method of casting (solid and hollow)</p> <p>3. Study and appreciation of following South Indian Bronze:</p> <p>i.Nataraj (Chola period Thanjavur Distt., Tamil Nadu) 12th Century A.D. (Collection: National Museum, New Delhi)</p> <p>Artistic aspects of the indo-Islamic architecture:</p> <p>1. Introduction</p> <p>2. Study and appreciation of following architecture:</p> <p>i.Qutub Minar, Delhi</p> <p>ii.Gol Gumbad of Bijapur</p>	
9.	<b>BEAUTY AND WELLNESS</b>	<p>Unit 1: Introduction of Beauty and Wellness industry and Beauty Therapy</p> <p>Unit 2: skin care services</p> <p>Unit - 3- Manicure and Pedicure Services</p> <p>Unit - 4 Depilation services</p> <p><b>Employability Skills</b></p> <p>Unit 2 - Self Management Skills</p> <p>Unit 3 - ICT Skills</p> <p>Unit 4 - Entrepreneurial Skills</p>	
10.	<b>GEOSPATIAL TECHNOLOGY</b>	<p><b>Unit 1:</b> Geospatial Overview,</p> <p><b>Unit 3:</b> Remote Sensing ,</p> <p><b>Unit 5:</b> GPS</p> <p><b>Employability Skills</b></p> <p><b>Unit 2 -</b> Self Management Skills,</p> <p><b>Unit 4 -</b> Entrepreneurship Skills</p>	<p><b>Unit 2:</b> Mapping &amp; Cartography</p> <p><b>Unit 4:</b> GIS</p> <p><b>Unit 3 -</b> ICT Skills</p>

11.	HINDI	<p><b>वार्षिक परीक्षा पाठ्यक्रम</b></p> <p><b>अपठित</b> अपठित गद्यांश, अपठित काव्यांश</p> <p><b>अभिव्यक्ति और माध्यम</b> पाठ -1 जनसंचार माध्यम, पाठ - 2 पत्रकारिता के विविध आयाम</p> <p><b>पाठ्य पुस्तक वितान भाग - 1</b> पाठ - 1 भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर पाठ - 2 राजस्थान की रजत बूंदें, पाठ 3 आलो आंधारि</p> <p><b>पाठ्य पुस्तक आरोह भाग - 1</b></p> <p><b>काव्य खंड</b> पाठ - 1 हम तौ एक एक करि जानां (कबीर) पाठ - 2 मेरे तो गिरधर गोपाल दूसरो न कोई (मीरा), पाठ - 5 घर की याद पाठ - 6 चपा काल-काल अच्छर नहीं चीन्हती, पाठ - 7 गज़ल पाठ - 8 हे भूख मत मचल, हे मेरे जूही के फूल जैसे ईश्वर पाठ - 9 सबसे खतरनाक, पाठ - 10 आओ, मिलकर बचाएं</p> <p><b>गद्य खंड</b> पाठ - 11 नमक का दरोगा , पाठ - 12 मियाँ नसीरुद्दीन पाठ - 13 अप्पू के साथ ढाई साल, पाठ - 14 विदाई संभाषण पाठ - 15 गलता लोहा, पाठ - 17 रजनी पाठ - 18 जामुन का पेड़, पाठ - 19 भारत माता</p> <p><b>लेखन खंड</b> रचनात्मक लेखन, औपचारिक पत्र, स्ववृत्त लेखन, रोजगार संबंधी आवेदन पत्र, शब्दकोश, डायरी लेखन की कला</p>
12.	FOOD NUTRITION AND DIETETICS	<p><b>Part A: Employability Skills</b> Unit 1: Communication Skills-III , Unit 2: Self-Management Skills-III Unit 3: ICT Skills-III Unit 4: Entrepreneurial Skills-III Unit 5: Green Skill</p> <p><b>Part B: Subject Specific Skills</b> Unit 1: Food and Nutrition: Basic Concepts Unit 2: Nutrition through the Life Cycle Unit 3: Public Health and Nutrition: Basic Concept Unit 4: Public Health and Nutrition Disorders Unit 5: Public Health and Nutrition: Programmes and Policies Unit 6: Nutrition Education, Communication and Behaviour Change</p>