



THE BIPF SCHOOL
BANIPADA, CHOUDWAR
SYLLABUS-2026—2027
CLASS:-XII

SUBJECT	Quarter 1 (2nd April–25th July)	Quarter 2 (29th July–14th September)	Quarter 3 (9th October–15th December)	Quarter 4 (2nd January–26th February)
ENGLISH CORE (301)	Flamingo: The Last Lesson Lost Spring My Mother at Sixty-Six Keeping Quiet Vistas The Third Level The Tiger King Journey to the End of the Earth Creative Writing Skills Notice Formal/Informal Invitation and Reply Reading Skills case-based factual passage Discursive passage INTERNAL ASSESSMENT Assessment of Listening Skills	Flamingo: Deep Water The Rattrap Indigo A Thing of Beauty A Roadside Stand Vistas Journey to the End of the Earth The Enemy Creative Writing Skills Letters based on verbal/visual input Article/ Report Writing Reading Skills case-based factual passage Discursive passage INTERNAL ASSESSMENT Assessment of Speaking Skills	Flamingo: Poets and Pancakes The Interview Going Places Aunt Jennifer's Tigers Vistas On the Face of It Memories of Childhood - The Cutting of My Long Hair - We Too are Human Beings Creative Writing Skills Notice Formal/Informal Invitation and Reply Letters based on verbal/visual input Article/ Report Writing Reading Skills case-based factual passage	Revision Sample paper practice Board Preparation Pre Boards

			Discursive passage INTERNAL ASSESSMENT Project Work	
BIOLOGY (044)	Unit-VI: Reproduction Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Unit-VII :Genetics and Evolution Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular Basis of Inheritance	Chapter-6: Evolution Unit-VIII: Biology and Human Welfare Chapter-7: Human Health and Diseases Chapter-8: Microbes in Human Welfare Unit-IX Biotechnology and its Applications Chapter- 9:Biotechnology - Principles and Processes	Chapter- 10:Biotechnology and its Applications Unit-X: Ecology and Environment Chapter-11:Organisms and Populations Chapter-12: Ecosystem Chapter- 13:Biodiversity and its Conservation	Revision Sample paper practice Board Preparation Pre Boards

CHEMISTRY (043)	1. Solutions 2. Electrochemistry 3. Chemical Kinetics	4. d- and f- Block Elements 5. Coordination Compounds 6. Haloalkanes and Haloarenes 6. Alcohols, Phenols and Ethers	7. Aldehydes, Ketones and Carboxylic Acids 8. Amines 9. Biomolecules	Revision Sample paper practice Board Preparation Pre Boards
MATH (S) (041)	1. Matrices 2. Determinants 3. Linear Programming 4. Probability 5. Vectors	1. Three – dimensional Geometry 2. Relations and Functions 3. Inverse Trigonometric 4. Continuity and Differentiability 5. Applications of Derivatives	1. Integrals 2. Applications of the Integrals 3. Differential Equations	Revision Sample paper practice Board Preparation Pre Boards
PHYSICS (042)	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter	Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current Chapter–8: Electromagnetic Waves Chapter–9: Ray Optics and Optical Instruments Chapter–10: Wave Optics	Chapter–11: Dual Nature of Radiation and Matter Chapter–12: Atoms Chapter–13: Nuclei Chapter –14: Semiconductor Electronics: Materials, Devices and Simple Circuits	Revision Sample paper practice Board Preparation Pre Boards
IT (802)	Part A: Employability Skills • Unit 1: Communication Skills – IV • Unit 2: Self-Management Skills – IV Part B: Subject Specific Skills • Unit 1: Database Concepts – RDBMS Tool	Part A: Employability Skills • Unit 3: ICT Skills – IV • Unit 4: Entrepreneurial Skills – IV Part B: Subject Specific Skills • Unit 2: Operating Web Based Applications • Unit 3 (Partial): - Fundamentals of Java	Part A: Employability Skills • Unit 5: Green Skills – IV Part B: Subject Specific Skills • Unit 3 (Remaining): - Operators - Control Flow - Array - Class Design	Revision Sample paper practice Board Preparation Pre Boards

		Programming - Introduction to Java - Object Oriented Programming - Java Language Elements	- Exception Handling - Assertions - Threads - Wrapper Classes - String Manipulation • Unit 4: Work Integrated Learning IT – DMA	
PHYSICAL EDUCATION (048)	Unit 1: Management of Sporting Events (Planning, Committees, Fixtures) Unit 2: Children and Women in Sports (Motor Development, Exercise Guidelines) Unit 3: Yoga as Preventive Measure for Lifestyle Disease (Asanas, Pranayama) Unit 4: Physical Education & Sports for (CWSN) (Classification, Inclusion)	Unit 5: Sports & Nutrition (Balanced Diet, Macronutrients, Micronutrients) Unit 6: Test and Measurement in Sports (Fitness tests, Calculation) Unit 7: Physiology & Injuries in Sports (Physiological Factors, Soft Tissue Injuries)	Unit 8: Biomechanics and Sports (Newton's Laws, Equilibrium, Friction) Unit 9: Psychology and Sports (Personality, Motivation, Aggression) Unit 10: Training in Sports (Strength, Endurance, Speed, Interval Training)	Revision Sample paper practice Board Preparation Pre Boards





