

BIHANI ACADEMY

SESSION - 2021-22

CLASS - XI SCIENCE SYLLABUS FOR TERM-1 EXAMINATION

| SUBJECT | TOPIC |
|------------------------|---|
| ENGLISH | Language - Unseen passage (factual, descriptive or literary/ discursive or persuasive) Case Based Unseen (Factual) Passage, Notice Writing, Business or Official Letters, Speech, Determiners, Tenses, Re-ordering of Sentences. Literature - The Portrait of a Lady (Prose), A Photograph (Poem), "We're Not Afraid to Die... if We Can All Be Together" (Prose), Discovering Tut: the Saga Continues, The Laburnum Top (Poem), Landscape of the Soul (Prose), The Summer of the Beautiful White Horse (Prose), The Address (Prose), Ranga's Marriage (Prose) |
| PHYSICS | 1. Ch-1 Physical world 2. Ch-2 Units and Measurements 3. Ch-3 Motion in a straight line 4. Ch-4 Motion in a plane 5. Ch-5 Laws of motion 6. Ch-6 Work, Energy and Power 7. Ch-7 System of particles and Rotational motion 8. Ch-8 Gravitation |
| CHEMISTRY | 1. CH-1 Some Basic Concepts of Chemistry 2. CH-2 Structure of atom 3. CH-3 Classification of Elements and Periodicity in Properties 4. CH-4 Chemical Bonding and Molecular Structure 5. CH-5 Redox Reactions 6. CH-6 Hydrogen 7. CH-7 Organic Chemistry: Some basic Principles and Techniques |
| BIOLOGY | 1. The Living World (Ch 1) 2. Biological Classification (Ch 2) 3. Plant Kingdom (Ch 3) 4. Animal Kingdom (Ch 4) 5. Morphology of Flowering Plants (Ch 5) 6. Structural Organisation in Animals (Ch 7) 7. Cell: The Unit of Life (Ch 8) 8. Biomolecules (Ch 9) |
| MATHEMATICS | 1. Sets 2. Relations and Functions 3. Complex numbers and quadratic equations 4. Sequences and series 5. Straight lines 6. Limits 7. Statistics |
| COMPUTER SCIENCE | 1. Computer System Overview 2. Data Representation 3. Boolean Logic 4. Introduction To Problem Solving 5. Getting Started With Python 6. Python Fundamentals |
| PHYSICAL EDUCATION | 1. Changing trends and careers in physical education 2. Olympic movement 3. Physical fitness, wellness and lifestyle 4. Physical education and sports for CWSN 5. Yoga 6. Physical activity and leadership training |
| INFORMATION TECHNOLOGY | 1. Unit -1 Computer Organization 2. Unit-2 Networking & Internet 3. Unit - 3 Office automation tools Employability Skills 1. Unit-1 Communication Skills III 2. Unit -2 Self management Skills III 3. Unit-3 ICT Skills III |
| YOGA | 1. Introduction to yoga and yogic practices - I 2. Communication Skills - III 3. Self-management skills - III 4. ICT Skill - III |