



CHIRANJEEVEE CONCEPT SCHOOL
HOCHAR, RANCHI
SYLLABUS (SESSION 2024-25)
STD-11(Science)

PHYSICS

<p><u>Periodic Test 1</u> Chapter–1: Units and Measurements Chapter–2: Motion in a Straight Line Chapter–3: Motion in a Plane Chapter–4: Laws of Motion</p> <p><u>Half Yearly Exam</u> Chapter–1: Units and Measurements Chapter–2: Motion in a Straight Line Chapter–3: Motion in a Plane Chapter–4: Laws of Motion Chapter–5: Work, Energy and Power Chapter–6: System of Particles and Rotational Motion Chapter–7: Gravitation</p>	<p><u>Periodic Test 2</u> Chapter–8: Mechanical Properties of Solids Chapter–9: Mechanical Properties of Fluids Chapter–10: Thermal Properties of Matter Chapter–11: Thermodynamics</p> <p><u>Final Term</u> Chapter–1: Units and Measurements Chapter–2: Motion in a Straight Line Chapter–3: Motion in a Plane Chapter–4: Laws of Motion Chapter–5: Work, Energy and Power Chapter–6: System of Particles and Rotational Motion Chapter–7: Gravitation Chapter–8: Mechanical Properties of Solids Chapter–9: Mechanical Properties of Fluids Chapter–10: Thermal Properties of Matter Chapter–11: Thermodynamics Chapter–12: Kinetic Theory Chapter–13: Oscillations Chapter–14: Waves</p>
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Subject – CHEMISTRY

<p><u>Periodic Test 1:</u> Chapter 1: Mole concept Chapter 2: Atomic structure</p> <p><u>Half Yearly Exam:</u> Chapter 1: Mole concept Chapter 2: Atomic structure Chapter 3: Classification of elements and periodicity in properties Chapter 4: Chemical bonding</p>	<p><u>Periodic Test 2</u> Chapter 7: Redox reaction Chapter 8: Some basic concept of organic chemistry Chapter 9: Hydrocarbon</p> <p><u>Final Term</u> Chapter 1: Mole concept Chapter 2: Atomic structure Chapter 3: Periodicity in properties Chapter 4: Chemical bonding Chapter 5: Thermodynamics Chapter 6: Equilibrium</p>
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	Chapter 7: Redox reaction Chapter 8: Some basic concept of organic chemistry Chapter 9: Hydrocarbon
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Subject - BIOLOGY

<p>Periodic Test 1</p> <p>Ch1- The living world Ch 2-biological classification</p> <p><u>Half Yearly Exam</u></p> <p>Ch 1- The living world Ch 2- biological classification Ch 3 - plant kingdom Ch 4- animal kingdom Ch 9 - biomolecules Ch 19 - chemical coordination and integration Ch 18- breathing and exchange of gases Ch 15 - body fluids and circulation</p>	<p>Periodic Test 2</p> <p>Ch-16Excretory products and their elimination Ch-8Cell -The unit of life</p> <p><u>Final Term</u></p> <p>Ch 5 - morphology of flowering plant Ch6- Anatomy of flowering plant Ch 7- structural organization in animals Ch 10- cell cycle and cell division Ch 11- photosynthesis in higher plants Ch 12- respiration in plant Ch 13- plant growth and development Whole syllabus of half yearly exam</p>
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MATHEMATICS

<p>Periodic Test 1</p> <ol style="list-style-type: none"> 1. Sets 2. Relations and functions 3. Limits and derivatives 4. Trigonometric functions 5. Complex Numbers and quadratic equations <p><u>Half Yearly Exam</u></p> <ol style="list-style-type: none"> 1. Sets 2. Relations and functions 3. Limits and derivatives 4. Trigonometric functions 5. Complex Numbers and quadratic equations 6. Introduction to Three-dimensional geometry 	<p>Periodic Test 2</p> <ol style="list-style-type: none"> 1. Permutations and combinations 2. Binomial theorems 3. Sequence and series 4. Straight lines 5. Conic sections 6. Statistics <p><u>Final Term</u></p> <ol style="list-style-type: none"> I. Sets and Functions II. Algebra III. Coordinate Geometry IV. Calculus V. Statistics and Probability
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7. Linear inequalities 8. Probability	
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Subject - PHYSICAL EDUCATION

<p><u>Periodic Test 1</u> Changing trends and career in physical education Olympic value education</p> <p><u>Half Yearly Exam</u></p> <ul style="list-style-type: none"> ● Changing trends and career in physical education. ● Olympic value education ● Yoga 	<p><u>Periodic Test 2</u> Physical education and sports for CWSN. Physical fitness, health and wellness.</p> <p><u>Final Term</u></p> <ul style="list-style-type: none"> ● Test measurement and evaluation. ● Fundamentals of anatomy, physiology in sports. ● Fundamental of kinesiology and biomechanics in sports. ● Psychology and sports. ● Training and doping in sports.
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Subject - PAINTING

<p><u>Periodic Test 1</u> Ch -1 - Prehistoric Rock Paintings Ch 2 - Arts of the Indus Valley</p> <p><u>Half Yearly Exam</u></p> <p>Theory</p> <ol style="list-style-type: none"> 1. Prehistoric Rock Paintings 2. Arts of the Indus Valley 3. Arts of the Mauryan Period 4. Post-Mauryan Trends in Indian Art and Architecture <p>Practical</p> <ol style="list-style-type: none"> 1. Still life (Pencil Shading) 2. Nature Study(colour) 3. Internal Assessment (Projects) 	<p><u>Periodic Test 2</u> Ch 5 - Later Mural Traditions Ch 6 - Temple Architecture and Sculpture</p> <p><u>Final Term</u></p> <p>Theory</p> <ol style="list-style-type: none"> 1. Prehistoric Rock Paintings 2. Arts of the Indus Valley 3. Arts of the Mauryan Period 4. Post-Mauryan Trends in Indian Art and Architecture 5. Later Mural Traditions 6. Temple Architecture and Sculpture 7. Indian Bronze Sculpture 8. Some Aspects of Indo Islamic Architecture <p>Practical</p> <ol style="list-style-type: none"> 1. Still life (Pencil Shading) 2. Nature Study(colour) 3. Internal Assessment (Projects)
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Subject-English

<p><u>Periodic Test 1</u></p> <p>Hornbill: Ch-1 The Portrait of a Lady (Prose) • A Photograph (Poem)</p> <p>Snapshots: Ch-1 The Summer of the Beautiful White Horse (Prose) Ch-2 The Address (Prose)</p> <p>Grammar Questions on Gap filling (Tenses, Clauses)</p> <p><u>Half Yearly Exam</u></p> <p>Hornbill: Ch-1 The Portrait of a Lady (Prose) • A Photograph (Poem) Ch-2 "We're Not Afraid to Die... if We Can be Together Ch-3 Discovering Tut: The Saga Continues • The Laburnum Top (Poem)</p> <p>Snapshots: Ch-1 The Summer of the Beautiful White Horse (Prose) Ch-2 The Address (Prose) Ch-5 Mother's Day (Play)</p>	<p><u>Periodic Test 2</u></p> <p>Hornbill: Ch-4 The Voice of the Rain (Poem) Ch-7 The Adventure</p> <p>Snapshots: Ch-7 Birth (Prose)</p> <p>Grammar • Questions on re-ordering/transformation of sentences</p> <p><u>Final Term</u></p> <p>Hornbill: Ch-1 The Portrait of a Lady (Prose) • A Photograph (Poem) Ch-2 "We're Not Afraid to Die... if We Can be Together Ch-3 Discovering Tut: The Saga Continues • The Laburnum Top (Poem) Ch-4 The Voice of the Rain (Poem) Ch-6 Childhood (Poem) Ch-7 The Adventure Ch-8 Silk Road (Prose) Father to Son (Poem)</p>
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IP(Computer)

<p><u>Periodic Test 1</u></p> <p>Ch 1 - Computer System Ch 2 - Emerging Trends</p> <p><u>Half Yearly Exam</u></p> <p>Ch 1 - Computer System Ch 2 - Emerging Trends Ch 3 - Brief Overview of Python Ch 4 - Working with Lists and Dictionaries</p>	<p><u>Periodic Test 2</u></p> <p>Ch 5- Understanding Data Ch 6- Introduction to NumPy</p> <p><u>Final Term</u></p> <p>Ch 1 - Computer System Ch 3 - Brief Overview of Python Ch 4 - Working with Lists and Dictionaries Ch 5 - Understanding Data Ch 6 - Introduction to NumPy Ch 7 - Database Concepts Ch 8 - Introduction to Structured Query Language (SQL)</p>
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