



# VIDHYASHRAM INTERNATIONAL SCHOOL, JODHPUR

Session : 2023-24

## Syllabus & Date Sheet : Half Yearly Examination Class XII

Subject	Lessons
English Core	<p><b>Section A: Comprehension Passages</b> (20 Marks)</p> <p><b>Section B: Writing Skills</b> (20 Marks) Notice Writing, Invitations, Letters, Article Writing.</p> <p><b>Section C: Literature</b> (40 Marks)</p> <p><b>Flamingo: Prose</b> The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo</p> <p><b>Poems:</b> My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty, Aunt Jennifer's Tigers</p> <p><b>Vistas:</b> The Tiger King, Journey to the End of the Earth, The Enemy.</p>
Physics	<p>Chapter 1 Electric charges and fields</p> <p>Chapter 2 Electrostatic Potential and Capacitance</p> <p>Chapter 3 Current Electricity</p> <p>Chapter 4 Moving charges and magnetism</p> <p>Chapter 5 Magnetism and Matter</p> <p>Chapter 6 Electromagnetic Induction</p> <p>Chapter 7 Alternating Current</p> <p>Chapter 8 Electromagnetic waves</p>
Chemistry	<p>Chapter 1 solution</p> <p>Chapter 2 electrochemistry</p> <p>Chapter 3 chemical kinetics</p> <p>Chapter 4 haloalkanes and haloarene</p> <p>Chapter 5 alcohol phenol and ether</p> <p>Chapter 6 aldehyde ketone and carboxylic acid</p> <p>Chapter 7 amine</p>
Biology	<p><b>Theory - 70 Marks</b></p> <p>Chapter 2 Sexual Reproduction in Flowering plants</p> <p>Chapter 3 Human Reproduction</p> <p>Chapter 4 Reproductive Health</p> <p>Chapter 5 Principles of Inheritance and Variations</p> <p>Chapter 6 Molecular basis of Inheritance</p> <p>Chapter 10 Microbes in Human Welfare</p> <p><b>Practical - 30 Marks</b></p>
Mathematics	<p>Chapter 1 Relations and Functions</p> <p>Chapter 2 Inverse Trigonometric Functions</p> <p>Chapter 3 Matrices</p> <p>Chapter 4 Determinants</p> <p>Chapter 5 Continuity and Differentiability</p> <p>Chapter 6 Application of Derivatives</p> <p>Chapter 7 Integrals</p> <p>Chapter 12 Linear Programming</p>

<b>Accountancy</b>	Partnership: Fundamentals Partnership: Goodwill: Nature and Valuation Partnership: change in profit sharing ratio among the existing partners Partnership: admission of a partner Partnership: Retirement of a partner Partnership: death of a partner Partnership: dissolution of partnership Company: Issue of shares (initial theory) <b>Theory Paper 80</b> <b>Practical 20</b>
<b>Business Studies</b>	Chapter 1: Nature and Significance of Management Chapter 2: Principles of Management Chapter 3: Business Environment Chapter 4: Planning Chapter 5: Organizing Chapter 6 : Staffing <b>Theory 80 Marks</b> <b>Practical 20 Marks</b>
<b>Economics</b>	<b>Part-B</b> <b>Indian Economic Development</b> 1.Development Experience (1947-1990) and Economic Reforms since 1991(12 marks) 2. Current Challenges Facing Indian Economy (20 marks) 3. Development Experience of India - A Comparison with Neighbours (08 marks) <b>Part A:</b> <b>Introductory Macroeconomics</b> 1.National Income (10 marks) 2.Money and Banking ( 8 marks) 3. Government Budget and the Economy (12 marks) 4. Balance of Payments (10 marks) <b>Theory: 80 Marks</b> <b>Practical: 20 Marks</b>
<b>Geography</b>	Book 1 Ch 1 Human Geography Nature and Scope Ch 2 The World Population Density Distribution and Growth Ch 3 Human Development. Ch 4 Primary Activities Ch 5 Secondary Activities Ch 6 Tertiary and Quaternary Activities Ch 7 Transport, Communication and Trade Ch 8 International Trade Book 2 Ch 1 Population Distribution Density Growth and Composition Ch 2 Human Settlement Ch 3 Land resource and agriculture Ch 4 Water resources Book 3 Ch 1 Data - it's sources and data Ch 2 Data processing Ch 3 Graphical Representation of data

	<b>Theory: 70</b> <b>Practical: 30</b> <b>Total : 100</b>
<b>Political Science</b>	<b>Part 1: Contemporary world politics</b> Ch 2 The End of Bipolarity Ch 3 US Hegemony in world politics Ch 4 Alternative centers of power Ch 5 Contemporary South Asia Ch 6 International organization <b>Part 2 Indian politics since Independence</b> Ch 1 Challenges in Nation Building Ch 2 Era of one party Dominance + Ch 5 Challenges to and Restoration of the Congress system Ch 3 Politics of Planned Development Ch 4 India's External Relations
<b>History</b>	Theme:1 Bricks, Beads and Bones Theme:2 Kings, Farmers and Towns Theme :3 Kinship, Caste and Class Theme:4 Thinkers, Beliefs and Buildings Theme:5 Through the eyes of travelers Theme :6 Bhakti and Sufi Traditions Theme:7 An Imperial Capital:Vijayanagara Theme :8 Peasants, Zamindars and the state Theme:9 Colonialism and the Countryside ( til Page no. 275) Written Paper: Mm:80 Project work: Mm:20 Total Marks:100 (Please note: Question Paper will include all types of questions including sources, Passages and Map work).
<b>Informatics Practices</b>	Unit 1: Data Handling using Pandas and Data Visualization. Unit 2: Database Query using SQL. Unit 3: Networking Concepts.
<b>Physical Education</b>	Unit:-IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Unit:-V Sports & Nutrition Unit:-VI Test & Measurement in Sports Unit:-VII Physiology & Injuries in Sports
<b>Computer Science</b>	Unit I: Computational Thinking and Programming – 2 Unit III: Database Management
<b>Information Technology</b>	Employability Skills : 1. ICT Skills 2. Entrepreneur Skills 3. Green Skills Subject Specific Skills : 1. Work Integrated Learning (DMA) 2. Database Concepts 3. Fundamentals of Java (Till Arrays)

<b>Applied Maths</b>	<p>Chapter 1 Numbers, Quantification and Numerical Application</p> <p>Chapter 2 Numerical Inequalities</p> <p>Chapter 3 Matrices</p> <p>Chapter 4 Determinants</p> <p>Chapter 5 Differentiation</p> <p>Chapter 6 Application of Derivatives</p> <p>Chapter 7 Integrals</p> <p>Chapter 15 Linear Programming</p>
<b>Hindi</b>	<p>अपठित बोध-गद्यांश और पद्यांश (10+05=15 अंक)</p> <p>अभिव्यक्ति और माध्यम (अप्रत्याशित विषय पर लेखन, कहानी का नाट्य रूपांतरण, रेडियो नाटक, पत्रकारिता और जनसंचार माध्यमों के लिए लेखन, संक्षिप्त प्रश्न उत्तर)</p> <p>पाठ्य पुस्तक आरोह भाग 2- गद्य भाग -भक्तिन, बाजार दर्शन, काले मेघा पानी दे, पहलवान की ढोलक। पद्य भाग - हरिवंश राय बच्चन, कुंवर नारायण, रघुवीर सहाय, शमशेर बहादुर सिंह।</p> <p>पाठ्य पुस्तक वितान भाग -2 सिल्वर वेडिंग, जूझ।</p>
<b>Sanskrit</b>	<p>खण्ड क - अपठित गद्यांश: (10)</p> <p>खण्ड ख - पत्र - लेखनम् (5)</p> <p>लघुकथापूर्ति: (5)</p> <p>संस्कृतानुवादम् (5)</p> <p>खण्ड ग - सन्धि (6)</p> <p>समास: (5)</p> <p>प्रत्यया: (6)</p> <p>उपपदविभक्तिप्रयोग: (3)</p> <p>खण्ड घ - गद्यांश: (5)</p> <p>पद्यांश: (5)</p> <p>नाट्यांश: (5)</p> <p>भावार्थ: (3)</p> <p>अन्वय: (3)</p> <p>वाक्यांश मेलनम् (2)</p> <p>प्रसंगानुकूलम् अर्थलेखनम् (2)</p> <p>भास्वतीपाठ्यपुस्तकस्थ - पाठानां सन्दर्भग्रन्थाः, रचयितारः, तेषां रचना: च (3)</p> <p>महाकाव्यम्, गद्यकाव्यम्, चम्पूकाव्यम् (3)</p> <p>नाट्यतत्त्वानाम् मुख्यविशेषतानां परिचयः (4)</p> <p>(पाठ 1-अनुशासनम्, पाठ 3-मातुराजा गरीयसी, पाठ 4- प्रजानुरञ्जको नृपः, पाठ 5 - दौवारिकस्य निष्ठा, पाठ 6 -सूक्ति सौरभम्, पाठ 7-नैकेनापि समं गता वसुमती, पाठ 9 – मदालसा)</p>
<b>Painting</b>	<p>Unit 1: The Rajasthani Schools of Miniature Painting.</p> <p>Unit 2: The Mughal School of Miniature Painting.</p> <p>Unit 3: The Bangal School.</p>

<b>Yoga</b>	Subject Specific Skills Unit 2 - Introduction to Yoga Texts - II Unit 3 - Yoga for Health Promotion - II  Employability Skills Unit - 1 Communication Skills - IV Unit - 2 Self - Management Skills - IV
<b>Music</b>	Unit II - Time theory of raagas Unit III - Brief study of <b>sangeet ratnakar</b> and introduction of <b>Raag malkauns and Taal rupak</b>

Date Sheet for Half Yearly Examination 2023-24

<b>Date</b>	<b>Day</b>	<b>Subject</b>
21 September 2023	Thursday	Physics/Accountancy/History/Yoga
23 September 2023	Saturday	English Core
26 September 2023	Tuesday	Chemistry/Business Studies/Geography/Music
29 September 2023	Friday	Biology/Mathematics/Economics/Political Science/Painting
03 October 2023	Tuesday	Informatics Practices/Computer Science/ Information Technology/ Hindi/Sanskrit/ Painting /Applied Mathematics/Physical Education.