

**HERITAGE XPERIENTIAL LEARNING SCHOOL
XII- BLOCK TEST SYLLABUS
SESSION- 2020-21**

S.NO	SUBJECT	BLOCK TEST SYLLABUS
1	Accountancy	1. Fundamentals of Partnership 2. Nature and Valuation of Goodwill 3. Change in Profit sharing ratio 4. Admission of a partner 5. Retirement of a partner 6. Death of a partner 7. Dissolution of partnership firm 8. Financial statements of Companies 9. Financial Statement Analysis
2	Business Studies	1. Nature and Significance of Management 2. Principles of Management 3. Business Environment 4. Marketing Management 5. Financial Markets 6. Consumer Protection
3	Computer Science	Chapter 1: Review of Python Basics Chapter 2: Functions Chapter 3: Using Python Libraries Chapter 4: Data File Handling Chapter 5: Program Efficiency Chapter 6: Data Structures in Python
4	Psychology	Unit 1 variations in Psychological Attributes Unit2 Self and Personality Unit3 Psychological Disorders Unit 9 Developing Psychological Skills
5	Biology	Reproduction in organisms Reproduction in flowering plants Human reproduction Reproductive health Principles of inheritance Molecular basis of inheritance
6	Entrepreneurship	Entrepreneurial Opportunities Enterprise Planning Enterprise Marketing

7	Physical Education	Unit 1-Planning in Sports Unit 2- Sports & Nutrition Unit 3- Yoga & Lifestyle Unit 4- Physical Education & Sports for children with special need
8	Economics	Unit-1 National Income and Related Aggregates Unit-2 Money and Banking Unit-4 Government Budget and the Economy Unit-5 Balance of Payments Unit-6 Development Experience(1947-90) and Economic Reforms since 1991
9	Sociology	Chapter 1 Introducing Indian Society Chapter 2 The Demographic Structure of the Indian Society Chapter 3 Social Institutions: Continuity and Change Chapter 4 The Market as a Social Institution Chapter 5 Patterns of Social Inequality and Exclusion Chapter 6 The Challenges of Cultural Diversity
10	Political Science	Book-1 Ch-1 Cold War Era Ch-2 End of Bipolarity Ch-3 New Centres of power Book-2 Ch-1 Challenges of Nation Building Ch-2 Planning and Development Ch-3 India's foreign policy
11	Chemistry	1.Haloalkanes and Haloarenes 2. Alcohols, Phenols and Ethers 3. Aldehyde, Ketones and Carboxylic acids 4. Amines

12	Mathematics	<ul style="list-style-type: none"> 1. Relations and Functions 2. Inverse Trigonometric Functions 3. Continuity and Differentiation 4. Application of Derivatives 5. Linear Programming 6. Probability 7. Integrals
13	Physics	<p>Chapter 1: Electric Charges and Fields</p> <ul style="list-style-type: none"> 1.1 Introduction to Electric Charges and Fields 1.2 Electric Charge 1.3 Conductors and Insulators 1.4 Charging by Induction 1.5 Basic Properties of Electric Charge 1.6 Coulomb's Law 1.7 Forces between Multiple Charges 1.8 Electric Field 1.9 Electric Field Lines 1.10 Electric Flux 1.11 Electric Dipole 1.12 Dipole in a Uniform External Field 1.13 Continuous Charge Distribution 1.14 Gauss's Law And Its Applications <p>Chapter 2: Electrostatic Potential and Capacitance</p> <ul style="list-style-type: none"> 2.1 Introduction to Electrostatic Potential And Capacitance 2.2 Electrostatic Potential 2.3 Potential due to a Point Charge 2.4 Potential due to an Electric Dipole 2.5 Potential due to a System of Charges 2.6 Equipotential Surfaces 2.7 Potential Energy of a System of Charges 2.8 Potential Energy in an External Field 2.9 Electrostatics of Conductors 2.10 Dielectrics and Polarisation 2.11 Capacitors and Capacitance 2.12 The Parallel Plate Capacitor 2.13 Effect of Dielectric on Capacitance 2.14 Combination of Capacitors 2.15 Energy Stored in a Capacitor <p>Chapter 3: Current Electricity</p> <ul style="list-style-type: none"> 3.1 Introduction to Current Electricity 3.2 Electric Current

		<p>3.3 Electric Current in Conductors 3.4 Ohm's Law And Limitations of Ohm's Law 3.5 Drift of Electrons and the Origin of Resistivity 3.6 Resistivity of Various Materials 3.7 Temperature Dependence of Resistivity 3.8 Electrical Energy, Power 3.9 Combination of Resistors-Series and Parallel 3.10 Cells, emf, Internal Resistance 3.11 Cells in Series 3.12 Kirchhoff's Rules 3.13 Wheatstone Bridge 3.14 Meter Bridge 3.15 Potentiometer</p> <p>Chapter 4: Moving Charges and Magnetism</p> <p>4.1 Introduction 4.2 Magnetic Force 4.3 Motion in a Magnetic Field 4.4 Motion in Combined Electric and Magnetic Fields(cyclotron)</p>
14	History	<p>Themes in Indian History Part-I Unit 1 The Story of the First Cities: Harappan Archaeology Unit 2: Political and Economic History: How Inscriptions tell a story Unit 3: Social Histories: using the Mahabharata Unit 4: A History of Buddhism: Sanchi Stupa</p> <p>Themes in Indian History Part-II Unit 5: Medieval Society through Travellers' Accounts</p>
15	Fashion Studies	<p>Ch 1: History of fashion Ch 3: Understanding fashion</p>
16	Painting	<p>Unit 3: The Bengal School of Painting and the Modern Trends in Indian Art</p> <p>Objective type from : Unit 1 (a) Six limbs of Indian Painting & fundamentals of Visual Arts (Elements & Principles) (b) The Rajasthani and Pahari Schools of Miniature Painting Unit 2 The Mughal and Deccan Schools of Miniature Painting Unit 3: The Bengal School of Painting and the Modern Trends in Indian Art</p>

17	English	<p>READING Reading Comprehension Note making</p> <p>WRITING Classified Ads Commercial Ads Notice Letter of Enquiry Reply to letter of Enquiry Speech</p> <p>LITERATURE My Mother at Sixty Six (Poem) Aunt Jennifer's Tigers (Poem) An Elementary School Classroom...(Poem) Keeping Quiet (Poem) The Last Lesson Lost Spring The Third Level On the Face of It The Rattrap Tiger King Deep Water</p>
18	Home Science	Ch. Clinical Nutrition and Dietetics Ch. Public, Nutrition and Health Ch. Food Processing and Technology Ch. Catering and Food Service Management Ch. Food Quality and Food Safety Ch. Design for Fabric and Apparel