

OPG World School
Syllabus- Half Yearly Examinations (2019-20)
Class-XI



S.No.	Subject	Syllabus
1	English	<p>Section A-Reading Unseen Comprehension Note making</p> <p>Section B Grammar and Writing Notice/Poster Formal letters (Enquiry, complaint, business, placing an order, editor, asking for and giving information, Job Application, Principal, institutions etc.) Report Speech Debate Article Integrated grammar</p> <p>Section C Literature The summer of the Beautiful White Horse The Potrait of a Lady The Photograph The Address Ranga’s Marriage We’re Not afraid to Die..if We Can All Be Together Albert Einstein at school Mother’s Day Discovering Tut: the Saga Continues The Laburnum Top The Voice of the Rain Landscape of the soul The Ailing Planet: the Green Movement’s Role</p>
2	Physics	<p>Chapter 1: Physical World Chapter 2: Units and measurement Chapter 3: Motion in a straight line Chapter 4: Motion in a plane Chapter 5: Laws of motion Chapter 6: Work Energy and Power Chapter 7: System of particles and rotational motion</p>
3	Chemistry	<p>1.Some basic concepts of chemistry 2.Structure of atoms 3.Classification of elements and periodicity in properties 4.Chemical Bonding 5.State of matter 6.Thermodynamics</p>

4	Mathematics	<ol style="list-style-type: none"> 1. Set 2. Relations and Functions 3. Trigonometric Functions 4. Principle of Mathematical Induction 5. Complex Number and Quadratic equations 6. Linear Inequalities and Linear Programming 7. Permutation and Combination 8. Probability 9. Matrices
5	Business Studies	<ol style="list-style-type: none"> 1. Nature and Purpose of Business 2. Forms of Business Organisations 3. Formation of a Company 4. Public, Private and Global Enterprises 5. Business Services 6. Emerging Modes of Business 7. Social Responsibility of Business and Business Ethics
6	Accountancy	<ol style="list-style-type: none"> 1. Introduction to Accounting 2. accounting Terms, Principles and Bases 3. Accounting Standards and Ind AS 4. Accounting Equation 5. Rules of Debit and Credit 6. Source Documents and Preparation of Vouchers 7. Goods and Services Tax 8. Journal 9. Special Purpose Book- Cash Book 10. Special Purpose Book II 11. Ledger 12. Trial Balance 13. Depreciation 14. Provisions and Reserves
7	Economics +Statistics	<ol style="list-style-type: none"> 1. Collection, Organisation and Presentation of data 2. Measures of Central Tendency 3. Measures of Dispersion <p><u>Micro Economics</u></p> <ol style="list-style-type: none"> 1. Introduction 2. Consumer's Equilibrium and Demand
8	Psychology	<ol style="list-style-type: none"> 1. What is Psychology? 2. Methods of Enquiry in Psychology 3. The Bases of Human Behaviour 4. Human Development
9	History	<p>Chapter-1) From the beginning of Time Chapter- 2) Writing and City life Chapter-3) An Empire across Three Continents Chapter- 4) The Central Islamic lands Chapter -5) Nomadic Empires</p>

10	Political Science	<ol style="list-style-type: none"> 1. Constitution Why and How? 2. Rights In The Indian Constitution 3. Election and Representation 4. Executive 5. Legislature 6. Judiciary 7. Federalism 8. Local Government 9. Constitution as a Living Document 10. The Philosophy of the Constitution 11. An Introduction to Political Theory
11	Painting	<ol style="list-style-type: none"> 1. Art an Introduction 2. Pre-Historic Rock-Paintings and Art of Indus Valley (2500 B.C. to 1500 B.C.) 3. Buddhist, Jain and Hindu Art (3rd Century B.C. to 8th Century B.C.) <p>The Art during Mauryan, Shunga, Kushana and Gupta Period</p> <p>The Art of Ajanta Caves</p>
12	Home Science	<p>Unit 1: Human Development</p> <p>Ch 1: Growth and Development</p> <p>Ch 2: Childhood</p> <p>Ch3: Adolescence</p> <p>Ch 4: Relationship and Interactions with various age groups</p> <p>Ch 5: Adulthood</p> <p>Unit 2: Food and Nutrition</p> <p>Ch 6: Food, nutrition, health, fitness</p> <p>Ch 7: Meal Planning</p> <p>Unit 3: Resource Management</p> <p>Ch 8: Management of resources</p> <p>Ch 9: Resource availability and management</p> <p>Ch 10: Financial management and planning</p>
13	Physical Education	<p>Unit-I: Changing Trends & Career In Physical Education</p> <p>Unit-II: Olympic Value Education</p> <p>Unit-III: Physical Fitness, Wellness & Lifestyle</p> <p>Unit-IV: Physical Education & Sports for CWSN</p> <p>Unit-V: Yoga</p>
14	Computer Science	<ol style="list-style-type: none"> 1. Getting started with Python 2. Python Programming fundamentals 3. Conditional and Looping Constructs 4. Strings in python 5. Lists in Python 6. Database concepts 7. Structured Query Language

15	Informatics Practices	<ol style="list-style-type: none">1. Getting started with Python2. Python Programming fundamentals3. Conditional and Looping Constructs4. Strings in python5. List manipulation6. Relational Databases and Structured Query Language
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