



## SAMSARA THE WORLD ACADEMY

### APRIL SYLLABUS (2021-22)

#### CLASS- XII

S.NO	SUBJECT	TOPIC
1.	ENGLISH	<ul style="list-style-type: none"> <li>Report Writing</li> <li>An Elementary School Classroom in a Slum</li> <li>Deep Water</li> <li>The Rattrap</li> <li>The Interview</li> </ul>
2.	PHYSICS	<ul style="list-style-type: none"> <li>Chapter-3- Current Electricity</li> <li>Chapter-4- Moving Charges and Magnetism</li> </ul> <p><b>EXPERIMENTS-2,3&amp;4</b></p> <p>2. To find resistance of a given wire / standard resistor using meterbridge.</p> <p>3. To verify the laws of combination (series) of resistances using a meterbridge.</p> <p>4. To verify the laws of combination (parallel) of resistances using a meter bridge.</p>
3.	CHEMISTRY	<ul style="list-style-type: none"> <li>Remaining part: solid state Solutions</li> </ul>
4.	BIOLOGY	<p><b>Unit-VI : Reproduction</b></p> <ul style="list-style-type: none"> <li>Chapter - 3 - Human Reproduction</li> <li>Chapter - 4 - Reproductive Health</li> </ul> <p><b>Unit - VII - Genetics and Evolution</b></p> <ul style="list-style-type: none"> <li>Chapter - 5 - Principles of Inheritance and Variation</li> <li>Chapter - 6 - Molecular Basis of Inheritance</li> </ul> <p><b>Practical :</b></p> <ul style="list-style-type: none"> <li>Gamete development</li> <li>Study of Blastula</li> <li>Isolation of DNA</li> </ul> <p>Mendelian Traits</p>
5.	MATHEMATICS	<ul style="list-style-type: none"> <li>Inverse Trigonometric Functions</li> <li>Continuity and Differentiability</li> </ul>
6.	APPLIED MATH	Calculus
7.	ACCOUNTANCY	<p>Unit-2 Accounting For partnership Firms</p> <ul style="list-style-type: none"> <li>Change in Profit Sharing ratio</li> <li>Valuation of Goodwill</li> <li>Admission of a partner</li> </ul>
8.	BUSINEES STUDIES	<ul style="list-style-type: none"> <li>Principles of Management</li> <li>Planning</li> </ul>
9.	ECONOMICS	<p>Unit- Government Budget (<i>Contd.</i>)</p> <p>Unit- National Income and Related Aggregates</p>

10.	HISTORY	<ul style="list-style-type: none"> <li>• Theme 3 Kinship, Caste and Class</li> <li>• Theme 4 Thinkers, Beliefs and Buildings</li> </ul>
11.	POLITICAL SCIENCE	<ul style="list-style-type: none"> <li>• Cold War Era</li> <li>• The End of Bipolarity</li> <li>• USA Hegemony in World Politics</li> <li>• Alternative Centres of Power</li> <li>• Contemporary South Asia</li> <li>• Challenges of Nation Building</li> <li>• Era of one Party Dominance</li> <li>• Politics of Planned Development</li> </ul>
12.	VOCAL MUSIC	<ul style="list-style-type: none"> <li>• ग्रंथ :- पंडितशारंगदेवजीद्वारा रचित "संगीतरत्नाकर" पंडितअहोबलद्वारा रचित "संगीत-पारिजात" जीवनपरिचय :- पंडितकृष्णरावशंकरजी। अब्दुल करीम</li> </ul>
13.	PAINTING	<ul style="list-style-type: none"> <li>• Miniature painting</li> <li>• Unit-1 (b) The Rajasthan &amp; Pahari School of Miniature Painting</li> </ul> <p><b>Practical Practice ( Still life )</b></p>
14.	INFORMATION TECHNOLOGY	<p>Introduction to Java: Basics of Java Functions and Constructors Conditional Statements</p>
15.	PHYSICAL EDUCATION	<p>Ch-2 Sports and Nutrition Ch-3 Yoga and Lifestyle</p>