

**Vardaan International Academy**

**Session 2023-2024**

**Half-Yearly**

**Class-XII (Science)**

S. No.	Subject	Subject Teacher	First Half Yearly Test Syllabus
1.	English	Ms.Swastika Rathore	<b>Syllabus of English Language - Full Syllabus</b> <b>1. Literature - Book- Flamingo</b> <b>Prose -</b> 1. The Last Lesson. 2. Lost Spring. 3. Deep Water. 4. The Rattrap 5. Indigo <b>Poetry-</b> 6. My mother at sixty- six. 7. Keeping Quiet. 8. A Thing of Beauty. 9. Aunt Jennifer's Tigers <b>2. Book - Vistas</b> 10. The Third Level 11. The Tiger King 12. Journey to the End of the Earth. 13. The Enemy
2.	Hindi	Ms. Mayurakshi Kool	<b>1. अपठितगद्यांशऔरपद्यांश</b> <b>2. जनसंचारकेप्रश्नउत्तर</b> <b>3. रचनात्मकलेखन, उल्टापिरामिडशैलीमेंसमाचारलेखन, नाटक, रेडियोनाटकऔरकहानीलेखनपरआधारितप्रश्नउत्तर, जनसंचारकेप्रश्नउत्तर</b> <b>पाठ्यपुस्तकआरोह</b> <b>पद्य:-</b> 1. आत्मपरिचय 2. पतंग 3. छोटामेराखेत 4. बादलराग 5. उषा 6. बातसीधीथीपर <b>गद्य :-</b> 7. भक्तिन 8. बाजारदर्शन 9. पहलवानकीढोलक 9. कालेमेघापानीदे 10. जातिप्रथाऔरश्रमविभाजन 11. मेरीकल्पनाकाआदर्शसमाज पुस्तक :- वितान 12. सिल्वरवेडिंग 13. जूझ 14. अतीतमेंदबेपांव

3.	Biology	Mr. Rahul Kumar Chaudhary	<ol style="list-style-type: none"> <li>1. Reproduction in organisms</li> <li>2. Sexual reproduction in flowering plants</li> <li>3. Human reproduction</li> <li>4. Reproductive health</li> <li>5. principle of inheritance</li> <li>6. Molecular basis of inheritance</li> <li>7. Evolution</li> </ol>																								
4.	Physics	Mr. Ashish Kumar	<ol style="list-style-type: none"> <li>1- Electric charge and fields</li> <li>2- Electrostatic potential and capacitance</li> <li>3- Current electricity</li> <li>4- Moving charges and magnetism</li> <li>5- Magnetism and matter</li> <li>6- electromagnetic induction</li> <li>7- Alternating current</li> <li>8- Electromagnetic waves</li> <li>9- Ray optics and optical instruments</li> </ol>																								
5.	Chemistry	Ms. Milan Shukla	<ol style="list-style-type: none"> <li>1. Halo alkanes and haloarenes</li> <li>2. Alcohol, Phenol and ether</li> <li>3. Aldehyde, ketone and carboxylic acid</li> <li>4. Amines</li> <li>5. Biomolecules</li> <li>6. Coordination compounds</li> <li>7. D &amp; F block elements</li> <li>8. Solution</li> </ol>																								
6.	C.S	Mr. Syed Zishan Abbas	<table border="1"> <thead> <tr> <th>Chapter No.</th> <th>Name Of The Chapter</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Python revision tour</td> </tr> <tr> <td>2</td> <td>Python revision tour II</td> </tr> <tr> <td>3</td> <td>Working with Functions</td> </tr> <tr> <td>4</td> <td>Using python libraries</td> </tr> <tr> <td>5</td> <td>File handling (Text, Binary, CSV)</td> </tr> <tr> <td>8 &amp; 9</td> <td>Data Structures: Stacks-Push, Pop Using List.</td> </tr> <tr> <td>10</td> <td>Computer Network Concepts</td> </tr> <tr> <td>11</td> <td>Relational Database</td> </tr> <tr> <td>12</td> <td>Simple Query in SQL.</td> </tr> <tr> <td>13</td> <td>Table creation &amp; Data manipulation commands.</td> </tr> <tr> <td>14</td> <td>Grouping records &amp; Joins in SQL HYE Syllabus!</td> </tr> </tbody> </table>	Chapter No.	Name Of The Chapter	1	Python revision tour	2	Python revision tour II	3	Working with Functions	4	Using python libraries	5	File handling (Text, Binary, CSV)	8 & 9	Data Structures: Stacks-Push, Pop Using List.	10	Computer Network Concepts	11	Relational Database	12	Simple Query in SQL.	13	Table creation & Data manipulation commands.	14	Grouping records & Joins in SQL HYE Syllabus!
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7.	P. Ed.	Mr. AkshayVerma	<ol style="list-style-type: none"> <li>1. Planning in sports</li> <li>2. Sports and nutrition</li> <li>3. Yoga and lifestyle</li> <li>4. Physical education and sports for CWSN</li> <li>5. Children and women in sports</li> <li>6. Test and measurement in sports</li> <li>7. Physiology and injuries in sports</li> <li>8. Biomechanics and sports</li> <li>9. Psychology and sports</li> <li>10. Training in sports.</li> </ol>																								
8.	Maths	Mr. Gyaneshwar Hari Upadhyay	<ol style="list-style-type: none"> <li>1. Matrices</li> <li>2. Determinants</li> <li>3. Inverse Trigonometric function</li> <li>4. Relation and function</li> <li>5. Continuity &amp; differentiability</li> <li>6. Application of derivative</li> </ol>																								

Class Teacher- Ms. Mayoorakshi Kool