**Vidhya Sagar School**

Syllabus for Class 12th (Math)

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| **Subject** | **PT - 1** | **Half Yearly** | **PT - 2** | **Annual** |
| **English** | **Flamingo – The Last Lesson**  **Vistas: The Tiger King**  **Grammar –**  **1. Transformation of Sentence**  **2. Notice writing.**  **3. Letter to editor** | **Flamingo: Prose**  **1. The Last Lesson**  **2. Lost Spring**  **3. Deep Water**  **4. The Rat Trap**  **Poetry:**  **1. My Mother at Sixty Six**  **2. An Elementary School**  **Vistas:**  **1. The Third Level**  **2. The Tiger King**  **3. The Enemy**  **Grammar**  **1. Factual passages, e.g., instructions, descriptions, reports**  **2. Descriptive passages involving opinion, e.g., argumentative, persuasive or interpretative text.**  **3. Note making.**  **4. Advertisements and notices, designing or drafting posters, writing formal and informal invitations and replies. One question out of the two Short Answer Questions** | **Flamingo:  1. Indigo.**  **2. Going Places**  **Vistas:**  **1. Should Wizard Hit Mommy**  **2. On the Face of It**  **Grammar**  **1. Summary**  **2. Business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)**  **3. Two compositions based on visual and/or verbal Input may be descriptive or argumentative in nature such as an article/a debate/ a speech or a report-** | **Entire Syllabus of Flamingo and Vistas**  **Flamingo: Prose**  **1. The Last Lesson**  **2. Lost Spring**  **3. Deep Water**  **4. The Rat Trap**  **5. Indigo**  **7. Going Places**  **Poetry:**  **1. My Mother at Sixty Six**  **2. An Elementary School**  **3. Keeping Quiet**  **4. A Thing of Beauty**  **5. Aunt Jenifer’s Tigers**  **Vistas:**  **1. The Third Level**  **2. The Tiger King**  **3. The Enemy**  **4. Should Wizard Hit Mommy**  **5. On the Face of It**  **6. Evans Tries On O-Level**  **7. Memories of childhood**  **Grammar**  **1. Factual passages, e.g., instructions, descriptions, reports**  **2. Descriptive passages involving opinion, e.g., argumentative, persuasive or interpretative text.**  **3. Literary passages, e.g., extract from fiction, drama, poetry, essay or biography.**  **4. Note making**  **5. Summary**  **6. Advertisements and notices, designing or drafting posters, writing formal and informal invitations and replies. One question out of the two Short Answer Questions**  **7. Letters based on verbal/visual input.- One question out of the two Long Answer Questions to be answered in 120-150 words**   * **Business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)** * **Letters to the editor (giving suggestions or opinion on issues of public interest) Application for a job**   **8. Two compositions based on visual and/or verbal Input may be descriptive or argumentative in nature such as an article/a debate/ a speech or a report-** |
| **Math** | Matrices, Continuity and Differentiability | Chapter 2 to 6  (Inverse trigonometric function to application of derivative, Integrals and vector algebra) | Chapter 8 and chapter 9  Application of integers and Differential equation | Full course |
| **Physics** | **Ch 1:** Electrostatic  **Ch 2:** Electric potential and capacitor  **Ch 3:** Electricity | **Ch 1:** Electrostatic  **Ch 2:** Electric potential and capacitor  **Ch 3:** Electricity  **Ch 4:** Magnetic field  **Ch 5:** Magnetism and matter | **Ch 6:** Motional EMF (Electromagnetic induction)  **Ch 7:** Alternating current  **Ch 8:** E-M wave | Full course |
| **Chemistry** | Ch 2: Solutions | Ch 2: Solutions  Ch 3: Electrochemistry  Ch 4: Chemical kinetics  Ch 10: Haloalkanes and Haloarenes  Ch 11: Alcohols, Phenols and Ethers  Ch 12: Aldehydes, ketones and carboxylic acids  Amines  Ch 15: Polymers | Ch 13: Organic compounds containing nitrogen  Ch 16: Chemistry in everyday life | Full course |
| **Physical Education** | **Ch 1:** Planning in sports  **Ch 2:** Sports and nutrition  **Ch 3:** Yoga and lifestyle | **Ch 1:** Planning in sports  **Ch 2:** Sports and nutrition  **Ch 3:** Yoga and lifestyle  Ch 4: Physical education and sports for differently abled  **Ch 5:** Children and sports  **Ch 6:** Women and sports | **Ch 7:** Test and measurement in sports  **Ch 8:** Physiology and sports  **Ch 9:** Sports medicine | Full course |