**Vidhya Sagar School**

Syllabus for Class 11th (Math)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subject** | **PT - 1** | **Half Yearly** | **PT - 2** | **Annual** |
| **English** | **Hornbill ch-1 the portrait of a lady**  **Poem – A Photograph**  **Snapshot ch-1 The summer of the   beautiful white horse**  **Grammar :**   * 1. **Business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies).**   **(b) Transform of   sentence and   tenses.** | **Hornbill ch-1 the portrait of a lady**  **Ch- 2 We’re Not Afraid to Die.. If   We can all be together**  **Ch-3 Discovering Tut : the Saga   Continues**  **Poem \*A Photography**  **\* The Voice of the Rain**  **Snapshot ch-1 The summer of the   beautiful white horse**  **Ch-2 The Address**  **Ch-3 Ranga’s Marriage**  **Ch-4 Albert Einstein at School**  **Grammar :**  **(a) Business or official letters   (for making enquiries,   registering complaints, asking   for and giving information,**  **placing orders and sending   replies).**  **(b) One Short Answer Question:**  **Based on notice/ poster/   advertisement.**  **(c) Letters to the editor (giving   suggestions/opinions on an   issue).**  **(d) Error Correction, editing   tasks.**  **(e) Re - ordering of sentences,**  **(f) Transformation of sentences** | **ch-4 the Ailing Planet : the Green Movement’s Role.**  **Poem \* Childhood**  **Snapshot ch-5 Mother’s Day**  **Grammar : (a) Two Long Answer Questions: Letters based on verbal/visual input.**  **(b) Application for a job with a bio-data or résumé** | **Entire Syllabus PT-1, Mid Term, PT-2, remaining chapter of Hornbill and Snapshot.**  **Hornbill –**   * **the portrait of a lady** * **We’re Not Afraid to Die.. If We can all be together** * **Discovering Tut : the Saga Continues** * **The Ailing Planet : the Green Movement’s Role.** * **The Browning version.** * **The Adventure** * **Silk Road**   **Poem**   * **A Photography** * **The Voice of the Rain** * **Childhood** * **Father to Son**   **Grammar**  **1. One Short Answer Question: Based on notice/ poster/ advertisement.**  **2. Two Long Answer Questions: Letters based on verbal/visual input.**  **Letter types may include:**  **(a) Business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)**  **(b) Letters to the editor (giving suggestions/opinions on an issue)**  **(c) Application for a job with a bio-data or résumé**  **(d) Letter to the school or college authorities, regarding admissions, school issues, requirements / suitability of courses, etc.**  **3. Very Long Answer Question:**  **Composition in the form of article/speech/report writing or a narrative**  **A. Error Correction, editing tasks**  **B. Re - ordering of sentences,**  **C. Transformation of sentences**  **4. Unseen Passages.**  **The range of the two passages including a poem or a stanza should be 900-1000 words as per the following details:**  **1. The passage of 550-600 words in length will be used for note-making and summarizing.**  **2. The passage of 350-400 words in length will be used to test comprehension, interpretation and inference.**  **OR**  **3. An unseen poem of 28-35 lines to test comprehension, interpretation and inference.** |
| **Math** | **Chapter 3 to Chapter 5**  **Chapter 6**  (Trigonometric function, complex number, linear inequalities) | **Chapter 1 to chapter 6, chapter 8, 9**  (Set to linear equation, binomial theorem and series and sequence) | **Chapter 10, 11, 12**  (Straight line, conic section, 3D-geometry) | Full course |
| **Physics** | **Chapter 1:** Physical world  **Chapter 2:** Unit and measurement | **Chapter 1:** Physical world  **Chapter 2:** Unit and measurement  **Chapter 3:** Motion in the straight line  **Chapter 4:** Motion in the plane  **Chapter 5:** law of motion | **Chapter 6:** Work energy and power  **Chapter 7:** Gravitational  **Chapter 8:** Rotational motion | Full course |
| **Chemistry** | **Ch 1:** Basic concepts of chemistry  **Ch 2:** Atomic structure | **Ch 1:** Basic concepts of chemistry  **Ch 2:** Atomic structure  **Ch 3:** Periodic table  **Ch 4:** Chemical bonding and molecular structure  **Ch 5:** States of matter  **Ch 8:** Oxidation –Reduction reactions  **Ch 14:** Environmental chemistry | **Ch 6:** Thermodynamics  **Ch 8:** Oxidation –Reduction reactions | Full course |
| **Physical Education** | **Ch 1:** Changing trends and career and in physical education  **Ch 2:** Olympic movement  **Ch 3:** Physical fitness, wellness and lifestyle | **Ch 1:** Changing trends and career and in physical education  **Ch 2:** Olympic movement  **Ch 3:** Physical fitness, wellness and lifestyle  **Ch 4:** Physical education and sports for differently abled  **Ch 5:** Yoga  **Ch 6:** Physical activity and leadership training  **Ch 7:** Test, measurement and evaluation  **Ch 8:** Fundamentals of anatomy and physiology | **Ch 4:** Physical education and sports for differently abled  **Ch 7:** Test, measurement and evaluation  **Ch 8:** Fundamentals of anatomy and physiology | Full course |
| **Informatics Practices** | **Chapter 1:** Basic computer organization  MS Powerpoint, MS Excel, MS Word | **Chapter 1:** Basic computer organization  **Chapter 2:** Data Representation-Basic concept  **Chapter 3:** Getting started with Python  **Chapter 4:** Python fundamentals  **Chapter 5:** Data handling | **Chapter 6:** Conditional and Iterative statement  **Chapter 7:** Text handling  **Chapter 8:** List manipulation | Full course |