**Vidhya Sagar School**

Syllabus for Class 11th (Math)

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| **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 organizationMS 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 |