|  |
| --- |
| Syllabus for Entrance Examination |

(Class: - 4th)

|  |  |  |
| --- | --- | --- |
| HINDI | ENGLISH | MATHEMATICS |
| vifBr x|ka’k | Comprehension Passage | 1. Addition  2. Subtraction  3. Multiplication  4. Division |

(Class: - 5th)

|  |  |  |
| --- | --- | --- |
| HINDI | ENGLISH | MATHEMATICS |
| vifBr x|ka’k | Comprehension Passage | 1. Addition  2. Subtraction  3. Multiplication  4. Division |

|  |
| --- |
| Syllabus for Entrance Examination |

(Class: - 6th)

|  |
| --- |
| Hindi English Mathematics   1. vuqPNsnu ys[ku 1. Paragraph Writing 1. HCF and LCM 2. fp= O;k[;k 2. Picture composition 2. Basic operations on Fractional Number 3. iBu dkS’ky 3. Reading Skill 3 Decimals   4. Triangles |

(Class: - 7th)

|  |
| --- |
| Hindi English Mathematics   1. vuqPNsnu ys[ku 1. Paragraph Writing 1. Fractions 2. fp= O;k[;k 2. Picture composition 2. Decimals Number 3. iBu dkS’ky 3. Reading Skill 3. Mensuration   4. Ratio and Proportion |

(Class: - 8th)

|  |
| --- |
| Hindi English Mathematics   1. vuqPNsnu ys[ku 1. Paragraph Writing 1. Fractions and Decimals 2. fp= O;k[;k 2. Picture composition 2. The triangle and its Properties 3. iBu dkS’ky 3. Reading Skill 3. Perimeter and area   4. Exponents and Power |

|  |
| --- |
| Syllabus for Entrance Examination |

**Note: Each subject will carry 25 marks.**

(Class: - 9th)

|  |
| --- |
| Hindi   1. vuqPNsnu ys[ku ¼60&80 ‘kCn½ 10 vad 2. vifBr x|ka’k 10 vad 3. ladsr fcUnwvksa ij vk?kkfjr vuqPbsn iwjk djukA ¼ 60&80 ‘kCn½ 05 vad |

|  |
| --- |
| English  1. Reading comprehension (unseen passage) [10 Marks]  2. Guided composition (60-80 words) [08 marks]  3. Paragraph writing (60-80 words) [07 Marks] |

|  |  |
| --- | --- |
| **Mathematics**  **1.** Linear equations in one variable  **2**. Square and Square Roots  **3.** Algebraic Expression and Identification  **4**. Mensuration | |
| **Type of Questions**   * **Very short Answer Questions [1 Mark]** * **Short Answer Question [2 Marks]** * **Short Answer Question [3 Marks]** |

|  |
| --- |
| **Science**  **1.** Crop Production and Management  **2.** Materials : Metals and Non-Metals  **3.** Coal and Petroleum  **4.** Cell- Structure and Function  **5.** Stars and The Solar System |

|  |
| --- |
| Syllabus for Entrance Examination |

(Class: - 11th)

|  |
| --- |
| Science (Physics, Chemistry, Biology) (Maximum Marks: 30) |
| Note : Type of Questions   * Very Short Answer Questions [1 Mark] * Short Answer Questions [2 Marks] |
| Biology: 1. Life Processes 2. Heredity and Evolution  Chemistry: 1. Chemical Reactions 2. Periodic Classification of elements  Physics: 1. Current Electricity 2. Reflection & Refraction |

|  |
| --- |
| Mathematics: (Maximum Marks: 30) |
| Note: Type of Question   * Very Short Answer Questions [1 Mark] * Short Answer Questions [2 Marks] * Short Answer Questions [2 Marks]  1. Quadratic Equations 2. Arithmetic Progressions 2. Co-ordinate Geometry 4. Area related to Circles |

|  |
| --- |
| English: (Maximum Marks :30) |
| 1. Reading Comprehensions (Unseen passage) [15 Marks] 2. Guided Composition (80-100 words) [15 Marks] 3. Paragraph Writing (80-100 words) [10 Marks] |

|  |
| --- |
| Syllabus for Entrance Examination |

**(Class- 12th)**

* **Each Subject will carry 20 Marks.**
* **Type of question for (Physics, Chemistry, Maths, Biology, I.P.)**
  + - * + **Very Short Answer Questions [1 Marks]**
        + **Short Answer Questions [2 Marks]**

|  |
| --- |
| Biology |
| 1. Biological Classification 2. Cell: The Unit of Life 3. Photosynthesis in Higher Plants  4. Respiration in plants 5. Digestion and Absorption 4. Body Fluids and Circulation |

|  |
| --- |
| Chemistry |
| 1. Structure of Atom 2. Classification of elements & periodicity in properties  3. Chemical bonding and molecular structure 4.Organic Chemistry – Some basic principles and techniques  5. Hydrocarbons |

|  |
| --- |
| Physics |
| 1. Kinematics 2. Laws of Motion 3. Work, Power & Energy  4. Gravitation 5. Properties of matter 4. Oscillations |

|  |
| --- |
| Mathematics |
| 1. Complex number and Quadratic Equations 2. Permutations and combinations  3. Binomial Theorem 4. Limits and Derivations |

|  |
| --- |
| IP |
| 1. Hardware Concepts 2. Software Concepts 3. Programming Fundamentals  4. Introduction to MySQL 5. MySQL |

|  |
| --- |
| English |
| 1. Reading Comprehension [10 Marks]  2. Guided Composition (80-100 words) [10 Marks] |