**First Term Exam Syllabus**

**Physics –**

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| --- | --- |
| **UNIT** | **MARKS** |
| 1. Electrostatics | 17 |
| 1. Current Electricity | 12 |
| 1. Magnetic Effect of Current & Magnetism | 18 |
| 1. EMI & AC | 17 |
| 1. Electromagnetic Waves | 6 |

**Computer Science –**

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| **UNIT** | **MARKS** |
| 1. Review | 12 |
| 1. OOPS | 6 |
| 1. Classes | 10 |
| 1. Inheritance | 10 |
| 1. Data File Handling | 10 |
| 1. Exception Generator | 4 |
| 1. Database & SQL | 18 |

**Chemistry –**

|  |  |
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| **UNIT** | **MARKS** |
| 1. Solid State | 11 |
| 1. Solution | 13 |
| 1. Electrochemistry | 11 |
| 1. Chemical Kinetics | 11 |
| 1. Haloalkanes, Halo…. | 11 |
| 1. Alcohols, Phenols…. | 13 |

**English –**

**Flamingo:**

1. Last Lesson
2. Lost Spring
3. Deep Water
4. The Rattrap
5. My Mother at 66
6. An Elementary School Classroom in a Slum
7. Tiger King
8. Enemy
9. Should Wizard Hit Mommy

**Invisible Man :** Chapter 1 to Chapter 15

**Writing :**

Notice, Invitation (Formal and Informal), Advertisement (Classified and Display), Poster, Letter (to editor, complaint, making enquiries, placing order to school and collage authorities), Articles, Reports (for school magazine) and Speeches.

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**Mathematics –**

1. Relations & Functions [1 + 2 + 4 + 4 + 6 = **17**]
2. Inverse Trigonometric Functions [1 + 2 + 4 = **7**]
3. Matrices [1 + 2 + 4 + 6 = **13**]
4. Determinants [1 + 6 = **7**]
5. Continuity & Differentiability [4 + 4 + 4 = **12**]
6. Application of Derivatives [2 + 2 + 2 + 4 + 4 + 6 + 6 = **26**]
7. Integrals [2 + 2 + 4 + 4 + 6 = **18**]

i.e. Book 1 complete and Integrals from book 2 (till ex 7.7 + miscel.)