

# First Term Exam Syllabus

## Physics –

UNIT	MARKS
1) Electrostatics	17
2) Current Electricity	12
3) Magnetic Effect of Current & Magnetism	18
4) EMI & AC	17
5) Electromagnetic Waves	6

## Computer Science –

UNIT	MARKS
1) Review	12
2) OOPS	6
3) Classes	10
4) Inheritance	10
5) Data File Handling	10
6) Exception Generator	4
7) Database & SQL	18

## Chemistry –

UNIT	MARKS
1) Solid State	11
2) Solution	13
3) Electrochemistry	11
4) Chemical Kinetics	11
5) Haloalkanes, Halo....	11
6) 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.)