



ENGLISH:

1. The Portrait of a Lady
2. A Photograph
3. The Summer...Horse
OR
We're Not Afraid...Together
4. Notice
5. Letter to the Editor
6. Comprehension Passage

BIOLOGY:

- Ch 16 Digestion and absorption
Ch 17 Breathing and exchange of gases
Ch 18 body fluids and circulation (blood components and heart)

ENGINEERING GRAPHICS (046)

- Orthographic Projection of Points and Lines
Orthographic Projection of Machine Blocks

ACCOUNTANCY

- Text book- double entry and book keeping by T.S. GREWAL
Chapter no. 2- BASIC ACCOUNTING TERMS

ECONOMICS

Microeconomics

- Chapter- Introduction
Chapter -Demand
Chapter -Elasticity of demand

Statistics for economics

- Chapter -introduction1 and 2
Chapter- Collection of data 3

History:

1. Theme -1 : From the beginning of Time
2. Theme -2 : Writing and City Life
(till page 36 subtopic The uses of writing , and the Legacy of Writing)

Physics:

Units and Dimension: dimensions and dimensional analysis, significant figures, mathematical operations with significant figures, errors & propagation of errors.

Vectors - up to vector addition

Chemistry:

Some basic concept

- a) Laws of chemical combination
- b) Mole concept
- c) Stoichiometry
- d) Empirical and molecular formula
- d) Percentage purity of the sample

Mathematics :

- Ch 1. Sets
- Ch 2. Relations and Functions
- Ch 3. Trigonometric Functions
- Ch 6. Linear Inequalities

Geography

- Ch1. Geography as a discipline.
- Ch2. Origin and evolution of the earth
- Ch3. Interior of the Earth
- Ch4. Distribution of Oceans and continents
- Ch5. Minerals and rocks
- Ch6. Geomorphic processes

Fine Arts:

1. Fundamentals of Art- line , colour, perspective etc.
2. Pre-historic rock painting
3. Art of Indus Valley Civilization
4. Ajanta and its paintings

Psychology

Chapter 2 : Methods of Enquiry (till Limitations of Psychological Research)

Physical Education:

Unit-1 Changing Trends and Career in Physical Education

Unit-2 Olympic Movement

Unit-3 Physical Fitness and Lifestyle

Informatics Practices:

Hardware Concepts- Ch 1

Software Concepts - Ch 2

Information Security and Social Networking - Ch 3

Getting Started with Programming using IDE - Ch 4

Programming Fundamentals- Ch 5 (till page 115)

Computer Science:

Unit 2: Computer Systems and Organisation (CSO)

- Basic computer organisation: description of a computer system and mobile system, CPU, memory, hard disk, I/O, battery, power.
- Types of software: application, OS, utility, libraries.
 - The language of Bits: bit, byte, MB, GB, TB, and PB.
- Boolean logic: OR, AND, NAND, NOR, XOR, NOT, truth tables, De Morgan's laws
- Information representation: numbers in base 2, 8, 16, unsigned integers, binary addition
- Interpreters (process one line at a time), the difference between a compiler and an interpreter
- Running a program: Notion of an operating system, how an operating system runs a program, idea of loading, operating system as a resource manager.
 - The concept of cloud computers, cloud storage (public/private), and a brief introduction to parallel computing.

Resource material for the above course:

Unit 1: Computer Fundamentals (from the book) (generation of computers is not coming)

Handout of cloud computing and class notes .

Political Science:

Chapter 1: Constitution: Why and How?

Chapter 2: Rights

Business Studies:

Ch 1 Nature and Purpose of Business