

MOUNT CARMEL PU COLLEGE
I PU – SCIENCE
PORTIONS FOR FIRST COMPULSORY TEST
AUGUST 2026 - 2027

PHYSICS [33]

1. Units and measurements
2. Motion in a straight line
3. Motion in a plane
4. Laws of motion
5. Work, Energy and Power

CHEMISTRY [34]

Units – 1 - Some Basic Concepts of Chemistry

Units – 8 – Organic chemistry - Some basic Principles and Techniques

MATHEMATICS [35]

1. Sets
2. Relations and Functions
3. Trigonometric Functions
4. Complex numbers and Quadratic Equations
5. Linear Inequalities

BIOLOGY [36]

Chapters - Unit I 1. The Living World

2. Biological Classification

3. Plant Kingdom

4. Animal Kingdom

5. Morphology of Flowering plants (Up to Leaf 5.3.3)

ELECTRONICS [40]

Chapter - 1 - Introduction to Electronics

Chapter - 2 - Principles of Electricity

Chapter - 3 - Measuring Instruments

Chapter - 8 - Introduction to Digital Electronics, Introduction, Number system,

Boolean Algebra from 281 upto page 302

COMPUTER SCIENCE [41]

Chapter - 1 – Computer system

Chapter – 4 – Introduction to problem solving

Chapter – 5 – Getting started with Python up to identifiers 5.3 (up to page 91)



Principal
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HOME SCIENCE [67]

Chapter - 1 - Introduction HEFS: Evolution of the discipline and its Relevance to quality of life

Chapter - 2 - Understanding the self

A. What makes me I

B. Development and characteristics of the self

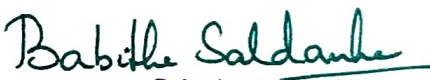
C. Influences on identity. How do we develop a sense of self

Chapter - 3 - Food, Nutrition, Health and Fitness

Chapter – 4 - Management of Resources

STATISTICS [31]

1. Introduction to Statistics and some basic concepts.
2. Organization of data.
3. Classification and tabulation of data.
4. Diagrammatic and graphical representation of data.
5. Analysis of univariate data (measures of central tendency- arithmetic mean, median and mode)


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