

MOUNT CARMEL PU COLLEGE
2 PU SCIENCE
PORTIONS FOR FIRST COMPULSORY TEST
AUGUST 2025-2026

STATISTICS (31)

Chapters

- 1 - Vital Statistics
- 2 - Index Numbers.
- 3 - Time Series Analysis.

PHYSICS (33)

Chapters –

1. Electric Charges and Fields.
2. Electric potential and capacitance.
3. Current electricity.

CHEMISTRY (34)

Units –

1. Solutions.
2. d and f - block elements.
6. Halo alkanes and Haloarenes.

MATHEMATICS (35)

Chapters –

1. Relations and Functions.
2. Inverse trigonometric functions.
3. Matrices.
4. Determinants.
5. Continuity and Differentiability.(upto exercise 5.4)

BIOLOGY (36)

Chapters - Unit VI :

1. Sexual reproduction in flowering plants.
2. Human reproduction.
3. Reproductive Health.

Unit VII :

4. Principles of Inheritance & Variation.
(upto Pleiotropy 4.5)

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ELECTRONICS (40)

Chapters - 1. Field Effect Transistor (FET),
2. Bipolar Junction Transistor (BJT) Biasing,
3. Transistor Amplifiers,
10. Digital Electronics.

COMPUTER SCIENCE (41)

Chapters

1. Exception Handling In Python
2. File Handling In Python
3. Stack
4. Queue

5. Sorting (upto 5.3 selection sort)

HOME SCIENCE (67)

Chapters

1. Work livelihood and career.
2. Clinical nutrition and dietetics.
3. Public health and nutrition.
4. Food processing and technology.
5. Food quality and safety.

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