

MOUNT CARMEL PU COLLEGE

2 PU SCIENCE

PORTION FOR MID TERM EXAMINATION 2026

PHYSICS (33)

1. Electric charges and fields.
2. Electrostatics potential and capacitance
3. Current electricity.
4. Moving charges and magnetism.
5. Magnetism and matter.
6. Electromagnetic induction.
7. Alternating current.
8. Electromagnetic waves.

CHEMISTRY (34)

Unit 1. solutions

Unit 2 .Electrochemistry

Unit 3. Chemical kinetics

Unit 4. The d and f block elements

Unit 6. Haloalkanes and Haloarenes

Unit 7. Alcohols Phenols and Ethers.

MATHEMATICS(35)

1. Relations and functions
2. Matrices
3. Determinants
4. Inverse Trigonometric functions
5. Continuity and Differentiability
6. Application of the derivatives
7. Linear Programming problem
8. Integrals (Integration by Partial fractions)



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BIOLOGY(36)

1. Sexual reproduction in flowering plants
2. Human reproduction
3. Reproductive health
4. Principles of inheritance and variations
5. Molecular basis of inheritance
6. Evolution
7. Human health and diseases upto immune system in body (7.2.7)

ELECTRONICS(40)

- 1.JFET
- 2.Transistor
- 3.Transistor Amplifier
4. Feed back in Amplifier
5. Operational Amplifier
- 6.Oscillator
10. Digital electronics

COMPUTER SCIENCE(41)

- 1.Exception Handling in Python
- 2.File Handling in Python
3. Stack
4. Queue
5. Sorting
6. Searching
7. Understanding Data
8. Database concepts

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STATISTICS(31)

- 1.Vital statistics
2. Index numbers
- 3 .Time Series
4. Interpolation and Extrapolation
5. Theoretical Distributions
6. Statistical Inference(vi a)

HOME SCIENCE(67)

1. Work, Livelihood and Career
2. Clinical nutrition and dietetics
3. Public nutrition and health
- 4.Food processing and technology
5. Food quality and Food safety
6. Early childhood care and education
7. Management of support services, institutions and programs for children, youth and elderly
8. Design for fabric and apparel

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