

MOUNT CARMEL PU COLLEGE

II PU -SCIENCE

PORTIONS FOR FIRST COMPULSORY TEST

AUGUST 2026-2027

BIOLOGY (36)

UNIT VI REPRODUCTION

1: SEXUAL REPRODUCTION IN FLOWERING PLANTS

2: HUMAN REPRODUCTION

3: REPRODUCTIVE HEALTH

UNIT VII - GENETICS AND EVOLUTION

**4: PRINCIPLES OF INHERITANCE AND VARIATION
TO PLEIOTROPY**

MATHEMATICS (35)

1. RELATIONS AND FUNCTIONS

2. INVERSE TRIGONOMETRIC FUNCTIONS

3. MATRICES

4. DETERMINANTS

5. CONTINUITY AND DIFFERENTIABILITY

CHEMISTRY (34)

UNIT – 1: - SOLUTION

UNIT – 4: - THE D AND F-BLOCK ELEMENTS

UNIT – 6: - HALOALKANES AND HALOARENES

PHYSICS (33)

1.ELECTRIC CHARGES AND FIELDS

2.ELECTROSTATIC POTENTIAL AND CAPACITANCE

3.CURRENT ELECTRICITY

4.MOVING CHARGES AND MAGNETISM



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STATISTICS (31)

- 1.VITAL STATISTICS
- 2.INDEX NUMBERS
(CONSUMER PRICE INDEX NUMBER)
- 3.TIME SERIES ANALYSIS
- 4.INTERPOLATION AND EXTRAPOLATION
(BINOMIAL EXPANSION METHOD)

ELECTRONICS (40)

- 1.JFET.
- 2.TRANSISTOR BIASING .
- 3.TRANSISTOR AMLIFIER .
- 4.DIGITAL ELECTRONICS.

COMPUTER SCIENCE (41)

- 1.EXCEPTION HANDLING IN PYTHON.
2. FILE HANDLING IN PYTHON .
3. STACK.
4. QUEUE .
- 5.SORTING

HOME SCIENCE (67)

- 1.WORK ,LIVEHOOD AND CAREER.
- 2.CLINICAL NUTRITION AND DIETETICS .
- 3 PUBLIC NUTRITION AND HEALTH .
- 4 . FOOD PROCESSING AND TECHNOLOGY .
5. FOOD QUALITY AND FOOD SAFETY



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ENGLISH (02)

LITERATURE

- 1.ROMEO AND JULIET .
- 2.TOO DEAR
3. ON CHILDREN.
- 4.EVERYTHING IN NEED TO KNOW I LEARNED I THE FOREST

GRAMMAR

- 1 ARTICLES AND PREPOSITIONS .
- 2 _SUBJECT VERB AGREEMENT_.
3. QUESTION FORMS.
4. PRONOUNS.
- 5.PASSIVE VOICE.
6. EXPRESSIONS.
7. COMPREHENSION

Babith Saldanha

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