

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

PHYSICS[33]

1. Units and measurements
2. Motion in a straightline
3. Motion in a plane
4. Laws of motion

CHEMISTRY[34]

Units -1. Some Basic Concepts of Chemistry

8. Some basic principles and techniques (up to hyper conjugation effect (12.7.9)
3. Classification of Elements and Periodicity in Properties.

MATHEMATICS[35]

1. Sets
2. Relations and Functions
3. Trigonometric Functions
4. Complex numbers and Quadratic Equations (Exe. 4.1)

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, Charge, Potential Difference, DC and AC, Ohms Law, Combination of Resistors, Kirchhoff's Laws.

Chapter - 8 - Introduction to Digital Electronics, Introduction, Number system, Boolean Algebra.

COMPUTER SCIENCE[41]

Chapter - 1 – Computer system

Chapter - 2 – Encoding Schemes & Number System

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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.

ENGLISH (02)

- Text Book - 1. The Gentlemen of the Jungle
2. The School Boy
 3. Around a Medicinal Creeper
 4. Oru Manushyan

Work Book- Comprehension Passage, Articles and Prepositions, Verbs, Subject-Verb Agreement, Correction of sentences, Word Order, Homonyms, Homophones, Question tags, why questions, Do forms.

SANSKRIT (09)

पाठ्याम्शाः (Lessons):-

1. द्वे विद्ये वेदितव्ये
2. आदर्शगुणाः
3. विवादः विनाशाय
4. Textual and Grammar Exercises are from the above 3 lessons
5. व्याकरणांशाः (Grammar)- सन्धिं विभजत, सन्धिं योजयत, समानार्थकपदम् ,
विरुद्धार्थकपदम्
6. भाषान्तरपाठाः (Translation) संस्कृतभाषया अनुवदत 1-5 sentences

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KANNADA (01)

ಪ್ರಥಮಪಿ.ಯು.ಸಿ

ಪದ್ಯಭಾಗ

1. ದುರ್ಯೋಧನವಿಲಾಪ
2. ವಚನಗಳು - ೧. ಅಲ್ಲಮಪ್ರಭು, ೨. ಘಟ್ಟವಾಳಯ್ಯ, ೩. ಅಕ್ಕಮಹಾದೇವಿ
3. ದೇವನೊಲಿದನಕುಲವೇಸತ್ತುಲಂ

ಗದ್ಯಭಾಗ

1. ಗಾಂಧಿ
2. ರಾಗಿಮುದ್ದೆ

ನಾಟಕವಿಭಾಗ: ೧. ಬೋಲೇಶಂಕರ (ದೃಶ್ಯ೧, ೨, ೩)

1. ಬೆಪ್ಪುತಕ್ಕಡಿ
2. ನಗಬೇಕೋತಮ್ಮನಗಬೇಕೋ
3. ಜಯವುನರಕದಮಾಲಿಕ

ಭಾಷಾಭ್ಯಾಸ:

1. ಬಿಡಿಸಿಬರೆಯಿರಿ
2. ಸಮಾನಾರ್ಥಕಪದಗಳು
3. ಪದಗಳಅರ್ಥ
4. ವಿರುದ್ಧಪದಗಳು
5. ಪತ್ರಲೇಖನ
6. ಪ್ರಬಂಧ

ದ್ವಿತೀಯಪಿ.ಯು.ಸಿ

ಪದ್ಯಭಾಗ

1. ಕದಡಿದಸಲಿಲಂತಿಳಿವಂದದೆ
2. ವಚನಗಳು - ೧. ಬಸವಣ್ಣನವರವಚನಗಳು, ೨. ಉರಿಲಿಂಗಪೆದ್ದಿಯವಚನಗಳು
3. ಇನ್ನುಹುಟ್ಟಿದೆಯಿರಲಿನಾರಿಯರೆನ್ನವೊಲು

ಗದ್ಯಭಾಗ

1. ಮುಟ್ಟಿಸಿಕೊಂಡವನು
2. ವಾಲ್ಮೀಕಿ: ಅಭಿವೃದ್ಧಿತಂದದುರಂತ

ದೀರ್ಘಗದ್ಯ : ೧. ಕೃಷ್ಣಗೌಡನಆನೆ (ಅಧ್ಯಾಯ೧, ೨, ೩)

ಭಾಷಾಭ್ಯಾಸ:

1. ಪದಗಳಅರ್ಥ
2. ಗುಣವಾಚಕಪದಗಳು
3. ಸಮಾನಾರ್ಥಕಪದಗಳು
4. ನಾನಾರ್ಥಪದಗಳು
5. ವಿಭಕ್ತಿಪ್ರತ್ಯಯ
6. ಪತ್ರಲೇಖನ
7. ಪ್ರಬಂಧ

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HINDI (03)

गद्य भाग

1. बड़े घर की बेटी
2. युवाओं से

मध्यकालीन कविता

1. कबीरदास के दोहे
2. तुलसीदास के दोहे

आधुनिक कविता

- 1 . कुटिया मे राजभवन
- 2 . तोड़ती पत्थर

अपठित भाग

मधुआ

शमशान

व्याकरण

1. वाक्य शुद्धि
2. रिक्त स्थान की पूर्ति
3. लिंग
4. वचन
5. मुहावरे
6. समानार्थक शब्द

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FRENCH (12)

1. Articles
2. Article Contracté
3. Prépositions
4. Numbers (cardinal, ordinal)
5. Countries
6. Nationalities
7. Professions
8. Weekdays, months, seasons, colours
9. Plural, singular nouns
10. Adjectives
11. Adjectifs possessifs
12. Adjectifs démonstratifs
13. Reconstruction of sentences
14. Conjugations
15. Présentation
16. Jeux de rôles
17. Faisons le point
18. Composition: Mon ami, mon voisin, ma mère etc.

Workbook (all relevant exercises) + Textbook (Dossier 1)



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