GOVERNMENT COLLEGE (A), RAJAMAHENDRAVARAM
I B.Sc. CHEMISTRY (H)
SEMESTER - I
QUESTION PAPER BLUE PRINT
Course -1: ESSENTIALS OF MATHEMATICS, PHYSICS, CHEMISTRY & COMPUTER SCIENCE

TIME: $2^1/_2$ hrs.   **Max. MARKS: 50**

PART-A

Answer **ALL** the Questions   **5x7 = 35 M**

1. **UNIT-I   2 Questions (Answer Q. No. 1 or 2)**
2. **UNIT- II   2 Questions (Answer Q. No. 3 or 4)**
3. **UNIT- III 2 Questions (Answer Q. No. 5 or 6)**
4. **UNIT- IV 2 Questions (Answer Q. No. 7 or 8)**
5. **UNIT- V 2 Questions (Answer Q. No. 9 or 10)**

PART – B

Answer any **FIVE** Questions   **5x3 = 15 M**

6. **2 Question from UNIT- I (Q. No. 11 & 12)**
7. **2 Questions from UNIT- II (Q. No. 13 & 14)**
8. **2 Question from UNIT- III (Q. No. 15 & 16)**
9. **1 Questions from UNIT- IV (Q. No. 17)**
10. **1 Questions from UNIT- V (Q. No. 18)**

Major-1: ESSENTIALS AND APPLICATIONS OF MATHEMATICAL, PHYSICAL AND CHEMICAL SCIENCES

SEMESTER END EXAMINATION   MODEL QUESTION PAPER (2023-24)

Time: $2^1/_2$ hrs.   Max. Marks: 50

PART- A   5 x 7 = 35 Marks
Answer ALL the questions. Each carries SEVEN marks.

1. UNIT-I

                            (or)
2. UNIT-I
3. UNIT-II

        (or)
4. UNIT-II
5. Write the chronology of periodic table and significance of electronic configuration in designing periodic table

        (or)
6. Explain about Biomolecules with examples
7. Explain the step by step process of Drug discovery.

        (or)
8. UNIT-IV
9. UNIT-V

        (or)
10. UNIT-V

PART- B   5 x 3 = 15 Marks
Answer any FIVE of the following questions. Each one carries THREE marks.

11. Unit I
12. Unit I
13. Unit II
14. Give a brief account on classification of matter.
15. Write the importance of chemistry in daily life.
16. Unit IV
17. Unit IV
18. Unit V