

Analysis of Mathematics CET Paper 2025
Held on 17th April 2025
Version D-1

Analysis done by Department of Mathematics Pre-UniPlus

1. Coverage of Syllabus is strictly according NCERT material
2. All the questions are within the syllabus
3. Weightage to the level of difficulty
 - (i) Easy – 35
 - (ii) Average – 20
 - (iii) Difficult – 5
4. Weightage to the objectives
 - (i) Memory based – 4
 - (ii) Concept based – 16
 - (iii) Numerical based – 40
5. Question from I PUC – 18
II PUC – 42
6. Around 80% questions are almost same as in BASE material.
7. An average student can complete the paper within time.
8. An average student can score 35 to 40 marks.
9. A brilliant student can score 50 to 55 marks.
10. Over all paper was slightly moderate.

Mathematics - CET 2025**Chapterwise Weightage**

| Chapter Name | | Number of Questions |
|---------------------|---|---------------------|
| I PU Topics | | |
| 1. | Sets, Relations and Functions | 4 |
| 2. | | |
| 3. | Trigonometry | 2 |
| 4. | Complex Numbers | 1 |
| 5. | Linear Inequalities | 1 |
| 6. | Permutations and Combinations, Binomial Theorem | 3 |
| 7. | | |
| 8. | Sequence and Series | 1 |
| 9. | Straight Lines | 1 |
| 10. | Conic Sections | 1 |
| 11. | 3D Geometry | 1 |
| 12. | Limits and Derivatives | 2 |
| 13. | Statistics | 1 |
| 14. | Probability | 0 |
| | Total | 18 |
| II PU Topics | | |
| 1. | 1-Relations and functions | 2 |
| 2. | 2-Inverse Trigonometric Functions | 2 |
| 3. | Matrices and Determinants | 9 |
| 4. | | |
| 5. | Continuity and Differentiation | 5 |
| 6. | Applications of Derivatives | 2 |
| 7. | Indefinite Integrals | 2 |
| 8. | Definite Integrals | 3 |
| 9. | Application of Definite Integrals | 2 |
| 10. | Differential Equations | 2 |
| 11. | Vector Algebra | 3 |
| 12. | 3D Geometry | 2 |
| 13. | Liner Programming Problem | 2 |
| 14. | Probability | 6 |
| | Total | 42 |