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Matrices 5. Determinants 6. Adjoin and Inverse of a Matrix

7. Solution of a System of Linear Equations UNIT-III:

CALCULUS 8. Continuity 9. Differentiability 10.

Differentiation, 11. Second Order Derivative, 12. Rolle's

Theorem and Lagrange's Mean Value Theorem, 13. Applications of Derivatives, 14. Increasing and Decreasing Functions, 15.

Tangent and Normal 16. Approximation 17. Maxima and Minima

18. Indefinite Integrals 19. Definite Integrals 20.

Applications of Integrals 21. Differential Equations 22.

Applications of Differential Equations UNIT-IV: VECTORS AND

THREE-DIMENSIONAL GEOMETRY 23. Vectors 24. Scalar or Dot

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