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Adjoint of a Square Matrix"; "3.9 Inverse of a Matrix (Reciprocal)";  
"Exercise 3.1"; "3.10 Elementary Row and Column Transformations";  
"3.11 Method of Finding Inverse of a Non-Singular Matrix by  
Elementary Transformations"  
"Exercise 3.2"; "3.12 Rank of a Matrix"; "Exercise 3.3"; "3.13  
System of Linear Equations (Non-Homogeneous)"; "3.14 System of  
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"Exercise 3.4"; "3.16 Linear Dependence of Vectors"; "Exercise  
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Cayley-Hamilton Theorem"; "Exercise 3.7"; "3.19 Diagonalization of  
a Matrix"; "3.20 Application of Matrices to Engineering Problems";  
"Exercise 3.8"; "Objective Type Questions"; "Answers to Objective  
Type Questions"  
"Unit-IV. Multiple Integrals" "4.1 Multiple Integrals"; "4.2 Double  
Integrals"; "4.3 Working Rule"; "4.4 Double Integration for Polar  
Curves"; "Exercise 4.1"; "4.5 Change of the Order of Integration";  
"4.6 Change of Variables in a Multiple Integral"; "Exercise 4.2"; "4.7  
Beta and Gamma Functions"; "4.8 Transformations of Gamma  
Function"; "4.9 Transformations of Beta Function"; "4.10 Relation  
between Beta and Gamma Functions"; "4.11 Some Important  
Deductions"; "4.12 Duplication Formula"; "4.13 Evaluate the  
Integrals"; "Exercise 4.3"  
"4.14 Application to area (Double Integrals)"

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