SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY, VASAD. B. E. Semester II (All Branches)

Mid Semester Exam
Subject: Vector Calculus And Linear Algebra
Date: / / Subject Code: 2110015
Time:

Instruction: - Question No. 1 is compulsory. Attempt any four out of remaining Six questions.

| Q.1 | | MCQ | [8] |
|-----|------------|--|-----|
| Q.2 | (a) (b) | Systems of Linear Equations and Matrices Systems of Linear Equations and Matrices | [4] |
| Q.3 | (a) (b) | Basis and Dimension Eigen values and Eigen vectors | [4] |
| Q.4 | (a) (b) | Systems of Linear Equations and Matrices Vector Space | [4] |
| Q.5 | (a) (b) | Eigen values and Eigen vectors Inner Product Spaces | [4] |
| Q.6 | (a) (b) | Basis and Dimension Inner Product Spaces | [4] |
| Q.7 | (a) (b) | Vector Space Vector Space | [4] |

----- ALL THE BEST -----