GOVT. COLLEGE OF ENGINEERING, AMRAVATI

Department of Computer Science and Engineering

CLASS TEST-II (Winter 2015) B. Tech. Final Year

Course: Network Security(Interdisciplinary Elective)Code: CSU704 Time: 1 hrs. Marks: 15

Note: Each Question Carry 5 Marks

Q.1 Define Symmetric and Asymmetric key cryptography and use playfair cipher method to encrypt the following-

Plaintext : hide the gold in the tree stump

Key :playfair example

Q.2 Write the steps of RSA algorithm. Decrypt the message M=2 when p=3 , q=11 ,e=7.

Q.3 Explain the Kerberos authentication service designed for use in distributed environment.

OR

Q.4 Explain Pretty Good Policy with the following points

Authentication ,confidentiality, compression,Segmentation and reassembly