U.S.N  P.E.S. College of Engineering, Mandya - 571 401  (An Autonomous Institution affiliated to VTU, Belgaum) Eighth Semester, B.E Information Science and Engineering Semester End Examination; June/July - 2015 Network Security and Cryptography  Time: 3 hrs Max. Marks: 100 Note: Answer any FIVE full questions, selecting atleast TWO full questions from each part. PART - A  A a Discuss the elements and components of EISP. b Define contingency planning. Discuss the various components of the same. c. With the neat diagram, explain the spheres of security. 2 a. Explain the various processing modes of firewalls. b Explain the Kerberos system for authentication. 3 a. Discuss about the types of IDS. b. Define of differentiate the following : i) Honey pot ii) Honey net iii) Padded cells 4 a. Explain the different cryptographic tools. b Explain the different attacks on cryptosystems. PART - B  5 a. Explain the various types of attacks. b Discuss the authentication procedure of X.509. c Explain the scruces provided by PGP. b Explain the scruces provided by PGP. c Explain the various content types of MIME. 7 a. With the block diagram, explain the IPsee documents. b With the format explain the IPsee documents. c Explain the transport mode ESP. 8 a. Explain the Handshake protocol.	P08IS82 Page No.	1
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