

Code: 9A12704

R09

B.Tech IV Year I Semester (R09) Supplementary Examinations, May 2013

WIRELESS SECURITY

(Information Technology)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Discuss the security requirements in wireless and mobile communications.
(b) What are the advantages and disadvantages of application level security?
- 2 Discuss in detail mobile wireless network level security.
- 3 (a) List and explain the application of WLANS.
(b) Write about security for 2G wi-fi applications.
- 4 (a) Give a note on generations of cellular networks.
(b) Write in detail UMTS security for applications.
- 5 (a) Mention the applications of MANETs.
(b) Write notes on external and internal threats for MANET applications.
- 6 (a) Discuss the security challenges for UC.
(b) List and discuss the security attacks on UC networks.
- 7 Discuss the security problem and attacks in heterogeneous wireless networks. Also discuss some security solutions for the same.
- 8 Write notes on the following:
 - (a) M-Commerce applications.
 - (b) Types of attacks on mobile e-commerce.
 - (c) Security challenges in mobile e-commerce.
