

Roll No. ....

**23564**

**M. Tech. 2nd Semester (Cyber Forensics  
and Information Security)**

**Examination – May, 2016**

**MOBILE AND WIRELESS SECURITY**

**Paper : MTCF-204**

*Time : Three Hours ]*

*[ Maximum Marks : 100*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt *five* questions in all, selecting *one* question from each Section. Question No. 1 which is *compulsory*. All questions carry equal marks.

1. (a) Explain wireless hardware.  $5 \times 4 = 20$
- (b) Write short note on wireless security auditing tools.

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(c) Write note on confidentiality.

9. Write note on the following :  $10 \times 2 = 20$

(d) Write note on Bluetooth Technology.

(a) Bluetooth Protocols.

(b) Pervasive web Application Architecture.

#### SECTION – A

2. What are the security essentials for wireless networks ? Explain. 20

3. Write note on Wireless Cellular Technologies. 20

#### SECTION – B

4. What are Intrusion Detection Systems ? Explain. 20

5. Explain wireless hack walkthrough. 20

#### SECTION – C

6. List and explain the various Security Principles for WLANs. 20

7. Write note on IEEE 802.11b. 20

#### SECTION – D

8. Explain device independent applications with suitable example. 20