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**M. Tech. 2nd Semester (Cyber Forensics and  
Information Security) Examination, May-2015**

**MOBILE AND WIRELESS SECURITY**

**Paper-MTCF-204**

*Time allowed : 3 hours]*

*[Maximum marks : 100*

*Note : Attempt only five questions taking one question from  
each Section. Question No. 1 is compulsory.  
All questions carry equal marks.*

1. Explain the following : 4×5
- (a) Airborne viruses
  - (b) Auditing tools
  - (c) Media Access frame format
  - (d) Virtual networks.

**Section-A**

2. What do you mean by wireless attacks ? Explain its various types. 20
3. What is wireless networks system ? Discuss various security issue essentials in detail. 20

**Section-B**

4. What is hacking ? Explain pocket Pc hacking. 20

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5. Explain the process of security WLAN. 20

**Section-C**

6. Explain : 2×10

(a) Mitigation Protection Analysis.

(b) Analysis of WEP architecture.

7. What are security principles for wireless networks ?  
Explain. 20

**Section-D**

8. What are various Bluetooth protocols ? Explain. 20

9. Explain pervasive web architecture in detail. 20