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Roll No .....

**MTCF - 205****M.E./M.Tech., II Semester**

Examination, December 2015

**Mobile Security And Forensics***Time : Three Hours**Maximum Marks : 70*

**Note :** i) Attempt any five questions.  
 ii) Each question carry equal marks.

1. a) Draw and explain the architecture of a cellular system and also explain the components of a cellular system. 7
- b) Define the terms GPS jamming and identity theft. 7
2. a) Write the characteristics of cellular system. What is cell phone forensics? 7
- b) Write the procedures and principles of cell phone forensics. 7
3. a) Write and explain different GSM network service codes. 7
- b) What are the different set of AT commands? Give examples for each. 7
4. a) What is the procedures followed in mobile phone forensics? 7
- b) What is MMI code? Explain some important MMI codes. 7

5. a) What is android forensics? Write the techniques of android forensics. 7
- b) Explain the files present in SIM card, how we can use them. 7
6. a) Write and explain the principles of digital forensics examination. 7
- b) Explain seven element security model. 7
7. a) What type of evidence are available in memory card? 7
- b) Explain SMS security issues and methods to improve it. 7
8. Write short notes on any two: 14
- a) Close VS open systems
- b) Digital forensics
- c) Wireless DOS attacks

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