

SUB: Ethical Hacking & Digital Forensics.

Q.P. code:-24283

24/11/17.

(3 hours)

[80 Marks]

Extra

N.B.:

1. Question No.1 is compulsory.
2. Attempt any **Three** questions out of remaining **Five** questions.
3. Figures to the right indicate full marks.
4. Assume any suitable data wherever required but justify the same.

- Q.1 a) Write a short note on Reconnaissance. 5
- b) What is a Computer Security Incident? 5
- c) List and explain in short the steps of writing a Forensic Report. 5
- d) What is Ethical Hacking? 5
- Q.2 a) Write a detail note on Crimes using mobile phones. 10
- b) How is the Response Strategy formulated? 10
- Q.3 a) What are the challenges in evidence handling? 10
- b) What are the goals of network monitoring? 10
- Q.4 a) Explain Evidence Handling Procedures. 10
- b) Write a note on Recovering deleted files on UNIX system. 10
- Q.5 a) Write a detail note on Tools for Forensics Duplication for UNIX system. 10
- b) Explain steps of Live Data Collection from Windows system. 10
- Q.6 Write a detail note on (any two) 20
- a) Data analysis tool NMAP.
 - b) Guidelines for writing a Forensic Report.
 - c) Ethics in Digital Forensics.
