

**PARUL UNIVERSITY**  
**FACULTY OF ENGINEERING & TECHNOLOGY**  
**M.Tech. Summer 2018 - 19 Examination**

**Semester: 2**  
**Subject Code: 203202185**  
**Subject Name: Digital Forensics**

**Date: 13/05/2019**  
**Time: 10:30am to 1:00pm**  
**Total Marks: 60**

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**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1** A) Explain various types of encryption for addressing data hiding techniques (05)  
B). Discuss mobile forensics briefly? Explain different techniques in mobile forensics (05)  
C) Discuss the concept of forensics mind-set and write the different techniques to solve forensics case. (05)
- Q.2 Answer the following questions.** (Attempt any three) (Each five mark) (15)  
A) Compare Dictionary attack and Brute force attack.  
B) Write and explain steps of Crime Scene Investigation  
C) Explain Criminal prosecution pyramid.  
D) Discuss network forensics and write the basic steps to perform network forensics.
- Q.3** A) Explain data hiding techniques (07)  
B) Explain different court orders (08)
- OR
- B) Explain the methods to search and caesura of electronic device (08)
- Q.4** A) Explain different court orders. (07)
- OR
- A) Discuss deeply the workload of law enforcement. (07)  
B) Explain how data manipulation takes place. (08)