



# AJEENKYA

## D Y PATIL UNIVERSITY

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### End Term Examinations (December 2018)

**School:** School of Information Technology

**Program:** BCA CTIS

**Course:** Computer Forensics-An Introduction

**Course Code:** CSC303

**Semester:** V

**Max Marks:** 30

**Duration (mins):** 60

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Note- 1. Figures to the right indicates full marks.

2. Attempt any three questions.

Q1)

- a) What is corporate espionage? How is it carried out? (5)
- b) Explain different forms of cybercrime. (5)

Q2)

- a) What is the difference between computer forensics and cyber security? (2)
- b) Explain the concept of password cracking. Explain 3 ways to crack the password with an example of each. Explain the importance of password cracking in computer forensics and list out password cracking tools. (8)

Q3)

- a) Explain chain of custody. (2)
- b) Explain the importance of Cyber Laws. (2)
- c) What do you mean by digital evidence? Explain the computer forensic investigation procedure. (6)

Q4)

- a) List the data recovery techniques. Explain the steps to recover data from a crashed hard drive as a forensic expert. (5)
- b) Why is the process of computer forensic investigation in Windows OS devices, an easy affair? Explain in brief. (5)

Q5)

- a) Mr. Naveen had to transfer money to his son, who was studying in another city for his college exam fee. As it was the last day for paying the exam fee, so Mr. Naveen decided to do a wire transfer using a public Wi-Fi. He transferred the required amount to his son's account immediately. But his son did not receive the money that was transferred from Mr. Naveen's bank account. Suggest the list of devices that may be involved in this case and also the type of attack executed by the hacker. (2)
- b) What are the best practices to be followed during the process of acquisition of digital forensic evidence and during the forensic analysis or examination? (8)