



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examination (December 2019)

School: School of Engineering

Program: BTECH - CTIS

Course: Cyber Forensics & Investigation

Course Code: CSC 407

Semester: VII

Max Marks: 30

Duration (mins): 60 Min

Note- 1. Figures to the right indicates full marks

2. Attempt any three questions.

- Q1) a) Calculate hamming redundant bits value when sender sends data bits = 10011101010. (5)
- b) Illustrate the Rules of computer forensics. (5)
- Q2) a) Find the last digit of Credit card/ IMEI number using Luhn's algorithm where other bits are 276914830405998. (2)
- b) Define cyber-crime and describe various forms of Cyber Crimes. (8)
- Q3) a) List and explain different types of hackers. (2)
- b) Define Steganography and cryptography. (2)
- c) Elucidate various steps of digital forensics process. (6)
- Q4) a) List and explain different types of hacking attacks. (5)
- b) Describe Application password cracking techniques along with tools name. (5)
- Q5) a) Define physical image and logical image of a hard drive. (2)
- b) Classify and explain various types of computer memories and define the following terms- Data Recovery, Data Acquisition and Data Deletion. (8)

***** ALL THE BEST*****