



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examinations (April/May 2019)

School: School of Engineering

Program: BCA CTIS

Course: Security Threats and Trends

Course Code: CSC215

Semester: IV

Max Marks: 30

Duration (mins): 60 mins

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

2. Attempt any three questions.

Q1)

- a) Define Botnet. Explain with appropriate diagram the working of Botnet. (5)
- b) Explain the impact of Advanced Persistent Threats (APTs) on Security. (5)

Q2)

- a) List and explain phases of virus attack. (2)
- b) Explain managerial, technical and procedural controls to address Remote Access Trojans (RATs) and Rootkits. (8)

Q3)

- a) List and explain communication channels for Trojan. (2)
- b) Define honeypot and honeynet. (2)
- c) Define malware and explain the types of malware. (6)

Q4)

- a) Define Worm. List and explain types of Worms. (5)
- b) Define and differentiate between Virus and Worm. (5)

Q5)

- a) Define Advanced Persistent Threat and Cyber Warfare. (2)
- b) Define Social Engineering and explain the types of Social Engineering along with its counter measures. (8)

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