



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examinations (December 2018)

School: School of Information Technology

Course: Advance Ethical Hacking

Semester: 5

Max Marks: 30

Program: B.Tech (CTIS)

Course Code: CSC322

Duration (mins): 60

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

2. Attempt any three questions.

Q1)

- a) Which technique will you prefer among: White Box or Black Box for performing penetration testing on any organization's network? And why? (5)
- b) What is the significance of writing Penetration Testing Report? (5)

Q2)

- a) How threat is related to vulnerability? (2)
- b) What do you mean by "Mitigation"? Discuss the various ways of mitigating the vulnerabilities present in the organization. (8)

Q3)

- a) How will you differentiate "Suicide Hackers" from "Black Hat Hackers"? (2)
- b) How virus is different from worms and Trojan horse? (2)
- c) Suppose you are working as *Ethical Hacker* in XYZ organization and you have to perform "Footprinting" as one of the phase of Hacking Methodology, to collect a lot of information about the network. Suggest different ways to perform *footprinting*. (6)

Q4)

- a) Wired Equivalent Privacy/Wireless Encryption Protocol (WEP) and Wi-Fi Protected Access (WPA) are the famous protocols to provide security in WLAN. Describe both the protocols and compare the same. (5)
- b) "Hacking for someone is legal, but not for others". Justify this statement, by taking appropriate example. (5)

Q5)

- a) Why there is a need of performing "Covering Tracks" as the last phase of Ethical Hacking Methodology? (2)
- b) Explain the steps involved in the methodology phase of a Penetration Test Report. (8)