

TB214730W

Reg. No :

Name :

BCA DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023

(2021 Admissions Regular, 2020 Admissions Supplementary / Improvement, 2019 & 2018 Admissions Supplementary)

SEMESTER IV - CORE COURSE - BCA (CLOUD TECHNOLOGY AND INFORMATION SECURITY MANAGEMENT)

BCA4B16B18 - ETHICAL HACKING FUNDAMENTALS

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Define Hacktivism.
2. What is HTtrack?
3. What are the skills required for hacking?
4. What are malwares?
5. Define attack and Exploit.
6. What do you mean by clearing tracks?
7. Wireshark is used for.....
8. Define SYN scan.
9. What do you know about CVSS scoring?
10. Expand DRP.
11. Differentiate hacker vs cracker.
12. Expand BRICS.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write the difference between ethical hacking, vulnerability assessment and pentesting.
14. Write a short note on sniffers with suitable diagrams.
15. Write a short note on password cracking. Also write its countermeasures.
16. Explain SQLi in detail.
17. Explain physical security in detail.
18. List out the types of mitigation planning.
19. Write a note on mitigation report.
20. Explain IPC section 378.
21. What is Cyber crime? Explain.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. What are key loggers ? Explain its types in detail.
23. Briefly explain Physical Penetration Test/attack.
24. Explain Demonstration of vulnerabilities and mitigation of issues identified including tracking in detail.
25. Write a note on Overview of India's Information Technology Amendment Act 2008.