

R18

Code No: 155FD

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, January/February - 2023

ETHICAL HACKING

(Computer Science and Engineering – Cyber Security)

Time: 3 Hours

Max. Marks: 75

Note: i) Question paper consists of Part A, Part B.

ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.

iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART – A

(25 Marks)

- 1.a) Explain briefly about Sound Operations. [2]
- b) Write a short note on Computer Security. [3]
- c) Explain briefly about Source Point. [2]
- d) Write a short note on The Tester. [3]
- e) Discuss briefly about Dumpster Diving. [2]
- f) Explain briefly about Warchalking. [3]
- g) Explain briefly about Evasion. [2]
- h) Write a short note on Services and Areas of Concern. [3]
- i) What is Vulnerability Ranking? [2]
- j) Write a brief note on Presentation. [3]

PART – B

(50 Marks)

2. Discuss in detail about following Framework Components:
 - a) Enumeration
 - b) Deliverable and Integration. [5+5]
- OR**
- 3.a) Explain in detail about Component Parts of Information Security Program.
- b) Discuss in detail about Security Architecture. [5+5]
- 4.a) Explain in detail about Business Objectives and Business Challenges.
- b) Distinguish between Inherent Limitations and Imposed Limitations. [5+5]
- OR**
- 5.a) Explain in detail about Teaming and Attack Structure.
- b) Write a brief note on Engagement Planner. [5+5]
- 6.a) Explain the importance of Attacking System while Preparing for a Hack.
- b) Explain briefly about Social Engineering. [5+5]
- OR**
- 7.a) Write a detailed note on Helpdesk Fraud.
- b) Explain in detail about Prowling and Surfing. [5+5]

- 8.a) Explain in detail about Preparing for the Next Phase in Enumeration. [5+5]
b) Write a detailed note on Wardialing. [5+5]

OR

- 9.a) Explain in detail about RootKits. [5+5]
b) Discuss in detail about Looking Around or Attack in Enumeration. [5+5]

- 10.a) Discuss in detail about the Final Analysis and the Potential Analysis in The Deliverable.

- b) Explain in detail about Aligning Findings. [5+5]

OR

- 11.a) Discuss the importance of Integrating the Results.

- b) Explain in detail about Defense Planning. [5+5]

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Used papers 2023