

(2 ½ Hours)

[Total Marks: 75]

- N.B.
- 1) All questions are compulsory.
 - 2) Figures to the right indicate marks.
 - 3) Illustrations, in-depth answers and diagrams will be appreciated.
 - 4) Mixing of sub-questions is not allowed.

Q. 1 Attempt ANY FOUR from the following: (20M)

- (a) Explain the Types of Ethical Hacking
- (b) Explain Hacking Technology and its types in detail
- (c) Define Hacktivism and explain ways to manifest it
- (d) Explain any 5 Hacker Classes
- (e) What are the ways to conduct Ethical Hacking
- (f) Write a short note on foot printing

Q. 2 Attempt ANY FOUR from the following: (20M)

- (a) Explain Active and Passive Sniffing
- (b) Explain ARP Poisoning in Detail
- (c) Explain DNS Spoofing Techniques in detail
- (d) Explain the working of DOS attack in detail
- (e) Explain Smurf attack in detail
- (f) Explain types of Session Hijacking

Q. 3 Attempt ANY FOUR from the following: (20M)

- (a) Explain methods involved in Google Hacking
- (b) Define the term Authentication and its types
- (c) Define SQL injection and names its types
- (d) Explain Buffer –Overflow and its types.
- (e) Explain WEP in detail
- (f) Explain the working of wireless sniffing

Q. 4 Attempt ANY FIVE from the following: (15M)

- (a) Explain the methods to perform information Gathering
- (b) Define Password and its types
- (c) Explain Mutation Techniques
- (d) Define the terms (i)Scanning (ii)Enumeration
- (e) What is Web Server Hardening?
- (f) Write a short note on Rogue Access Point
