(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)   Ex[plain 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

****