

Diploma in Network Security (2014 Course) : SUMMER - 2019
SUBJECT- NETWORK SECURITY: MODULE – II
FOR B. TECH ALL BRANCHES SEM - III & IV

Day: Friday
Date: 07/06/2019

Time: 10:00 AM TO 01:00 PM
Max. Marks: 100

S-2019-3705

N.B.:

- 1) **Q.4 and Q.8 are COMPULSORY.** Out of the remaining attempt **ANY TWO** questions from each Section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SAME** Answer book.
- 4) Assume suitable data, if necessary.

SECTION - I

- Q.1** a) What is Sniffing? Explain Running Windows Application on Backtrack. (08)
b) What is Kali Linux? Explain in detail. (08)
- Q.2** a) Explain Firewall and Types of Firewall in detail. (08)
b) What is Hacking? Explain types of Hacking. (08)
- Q.3** a) Explain TCP-Three way Handshaking in detail. (08)
b) What are Viruses and Worms? Explain in detail. (08)
- Q.4** Write short notes on **ANY THREE** of the following: (18)
a) Trojan and Backdoor.
b) DNS
c) DNS Routing and Load.
d) Social Engineering

SECTION - II

- Q.5** a) What is Denial of Service? Explain DOS Attack in detail. (08)
b) Explain SQL Injection in detail. (08)
- Q.6** a) Explain Vulnerability and Risk in detail. (08)
b) What is Penetration Testing? Explain Types of Penetration Testing. (08)
- Q.7** a) What is Wi-Fi? Draw WLAN Architecture in detail (08)
b) Explain Types of Cyber Crimes Found in India. (08)
- Q.8** Write short notes on **ANY THREE** of the following: (18)
a) Mobile Attack.
b) Digital Signature.
c) Cross Site Scripting.
d) Honey Pots.

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