

2055

B. Voc. (Hardware and Networking)

Sixth Semester

HWN-604: Firewall Technology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Explain the following:-

- a) Hardware and software firewall
- b) Web admin list searching
- c) MAC address
- d) Monthly and yearly hardware reports (4x2)

UNIT - I

II. What is firewall? How application layer firewall is different from network layer firewall. (8)

III. Discuss firewall installation and backup restoration in detail. (8)

UNIT - II

IV. Discuss user rights HTTPs certificate, user preferences and licensing in web admin settings. (8)

V. Discuss the concept of dashboard settings and flow monitor used in web admin. (8)

UNIT - III

VI. Explain the concept of DHCP static mapping and DNS request routing. (8)

VII. Write short note on:-

- a) NAT rules in firewall
- b) Global intrusion prevention (8)

UNIT - IV

VIII. What is web filtering? How it is important for web protection? Discuss. (8)

IX. Discuss the concept of logging and reporting for web protection in firewall. (8)

x-x-x