(2 ¹/2 Hours) [Total Mei•ks• 75]

N.B. I) All questions are compulsory.
2 Figures to the right indicate marks.
3 Illustrations, in-depth answers and diagrams will ke appre<iäted$
4) Mixing of sub-questions is not allowed.

Q. I Attempt All (Each of 5Marks)   k15) (a)   Multiple Choice Questions:

1   On   the domain's configuration files
        1.a Caching server
        1.b Primary server
        1.c Secondary server
        1.d Root name server

2   A LDAP directory is a tree of data   thO Directory Information Tree (DIT).
        2.a True
        2.b False

3   Which of the following is not a valid run-level?,

4   DHCP stands for
        4.a Dynamic Host
        4.b Dynamic   ä' C) Defined

5   Which file is read by init to get the default runlevel?
        a) [etc/

        C) Q/ etc/ booty
        d) / etc/ init-tab

(b) Fill in •the   jabber.seryer, rules, org, directions, Frp server,
     ARC   Y _ is
            påckggöiS   software.
            -i'   aut of/"   that'act on a packet flowing through the system.
,   cryptography for the Apache web server. -9/53   is the top level domain.

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Attempt the following (Any THREE) (Each of 5Marks)

a   What is the importance of / in Iinux file system?
b   Explain the following variables supported inservices:
    i) socket_type ii)
    user iii) server iv)
    wait
    v)   protocol
c   Write steps to configure Netfilter.
d   What is GNU public license? Explain advantage& sour,ce• software.
e   What is kernel and where do you find kernel source code.
f   Explain what are targets? List any 5

            Attempt the following (Any THREE)   (15)
a   Write a short note on FTP.
b   Define Apache. Write its benefits.
c   Discuss POP in regards with i)
            Idea behind POP.
d   Explain OpenSSH.
e   Write syntax along with of BIND.
f   What is SMTP? Explain.•
    Attempt the   (15)
(a) Write any five
(b) Explain step>
(c) State any five •
(d) Discuss
(e) List
(0 What

                                                                       (15)

(a)

that are used in Apache's configuration file.