R.V. COLLEGE OF ENGINEERING
OBSERVATION / DATA SHEET

Date __20/03/21__   Name __Durgesh Kumar__

Dept./Lab __MCA__   Class __'B'__   Expt./No. __06__

Title __DNS server for resolving names__

* Build DNS server for resolving the names and IP address description.

① sudo apt-get update

② sudo apt-get install dnsmasq

③ sudo nano /etc/dnsmasq.conf

④ uncomment following lines:

       host = 53

       domain - needed

       bogus - priv

       strict - order

       expand - hosts

       domain = example.com

⑤ sudo nano /etc/hosts   192.168.100.100   rvce20MCA.com

⑥ sudo restart dnsmasq   → set NAT network

⑦ sudo apt-get install dnsutils   → set HOST-only adaptor

⑧ sudo ifconfig <interface-name> <IP> <netmask>
     sudo ifconfig enp0s3 192.168.100.100

⑨ ping <DNS name>
     ping rvce20mca.com

Executed

Signature of Teacher incharge

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PING suce20mca.com (192.168.100.100) 56 (84) bytes of data

64 bytes from suce20mca.com (192.168.100.100); icmp_seq=1
ttl=64 time=0.032 ms