SUBJECT CODE : CA/MC/NA54

B.C.A. DEGREE EXAMINATION – NOVEMBER 2008
FIFTH SEMESTER

REG. NO. : _____

COURSE   : MAJOR CORE
PAPER   : NETWORK APPLICATIONS
TIME   : 20 MINUTES   MAX. MARKS : 20

TO BE ANSWERED ON THE QUESTION PAPER ITSELF:
              SECTION – A   **(20X1=20)**
Choose the best answer:

1. Devices on one network can communicate with the devices on another network via a
    a) File server   b) Printer server   c) Web server   d) Gateway

2. Sending a file from your PC to another computer is called
    a) Uploading   b) downloading   c) Logging on   d) Hang on

3. How many digits of DNIC identify the country
    a) 3   b) 4   c) 5   d) 6

4. Devices interconnected by the LAN should also include
    a) Computers   b) Storage device   c) Printers   d) All of the above

5. Which of the following protocol is used for remote connection service
    a) FTP   b) UDP   c) TELNET   d) TFTP

6. ARP is
    a) Protocol to monitor remote printer
    b) Protocol to bind a high level IP address to low level physical hardware address
    c) Protocol to transfer files from one machine to another
    d) Protocol to handle error

7. A machine that is connected to two or more electronic mail systems and transfer mail among them is known as
    a) Bridges   b) Gateways   c) Mail gateway   d) User agent

8. Computers can have different network number when they are separated by
    a) Bridges   b) Repeaters   c) Routers   d) All of the above

9. NetWare is created by
    a) Microsoft   b) DEC   c) Apple   d) Novell

10. WAIS
    a) Wide Area Information Service   b) Wide Area Information Servers
    c) Wide Area Information System   d) Wide Area Integration Service

Fill in the blanks :

11. _____ is a network architecture created by DEC.

12. _____ provides a directory of FTP servers across the net.

13. Every Ethernet card comes with preconfigured _____ address.

14. The process of changing intelligible data into unintelligible data is known as _____.

15. UDP stands for _____.

Say True or False :

16. Bridge is a device, which connects two or more LANs, which may be different at physical layer but run the same link layer protocol.

17. A set of instructions given to communicate between two communicating computers is called protocol.

18. ICMP protocol is used to handle error and control messages.

19. TCP/IP protocol treats all networks equally.

20. NFS allow computers to share files across networks.

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STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(For Candidates admitted during the academic year 2004-05 & thereafter)

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B.C.A. DEGREE EXAMINATION – NOVEMBER 2008
FIFTH SEMESTER

COURSE   : MAJOR CORE
PAPER   : NETWORK APPLICATIONS
TIME   : 2 HOURS & 40 MINUTES   MAX. MARKS : 80

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SECTION – B   **(8X5=40)**

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ANSWER ANY EIGHT OF THE FOLLOWING QUESTIONS:

1.   Explain firewalls and its types.

2.   Discuss about different types of threats.

3.   How TCP/IP works?

4.   Explain about DNS.

5.   Discuss about Finger protocol.

6.   Explain NFS.

7.   Explain Appletalk.

8.   Explain the different sections of Domain Message format.

9.   Discuss about WWW.

10.   Describe the steps involved in creating new accounts and giving access rights to them.

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SECTION – C   **(4X10=40)**

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ANSWER ANY FOUR OF THE FOLLOWING QUESTIONS:

11.   Explain the different layers of Data Security.

12.   Discuss about different classes of IP address and its characteristics.

13.   Discuss about setting and planning a network.

14.   Discuss about the different utilities available in TCP/IP.

15.   Write short notes on

       a) SMTP   b) Ping   c) Veronica

16.   Discuss about DNA.

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