SECOND TERM TEST – NOV. 2024
COMPUTER APPLICATION

CLASS : 12
TIME : 1.30 HRS.

MARKS : 35

SECTION - A

ANSWER ALL THE QUESTIONS.   10X1=10

1. How many types are available in URL?
   a) 2 b) 3 c) 4 d) 5
2. In the domain name, the sequence of labels is separated by
   a) semicolon (;)   b) dot (.) c) colon (:)   d) NULL
3. Root Name servers are maintained by
   a) IANA   b) ICANN   c) WHOIS   d) DNS
4. Expansion of UTP is
   a) Uninterrupted Twisted Pair   b) Uninterrupted Twisted Protocol
   c) Unshielded Twisted Pair   d) Universal Twisted Protocol
5. Which of the following is a small peripheral device with a sim slot to connect the computers to Internet?
   a) USB   b) Dongles   c) Memory card   d) Mobiles
6. How many pins are used in RJ45 cables?   a) 8   b) 6 c) 50   d) 25
7. Which of the following is a software program that replicates the functioning of a computer network?
   a) Network software   b) Network simulation
   c) Network testing   d) Network calculator
8. Which is an example of network simulator?
   a) simulator   b) TCL   c) Ns2   d) C++
9. Open NMS was released in ………………….
   a) 1999   b) 2000 c) 2003   d) 2004
10. A company involved in E-Business if
    a) it has many branches across the world.
    b) it conduct business electronically over the Internet.
    c) it sells commodities to a foreign country.   d) it has many employees.

SECTION - B

ANSWER ANY 3 OF FOLLOWING QUESTIONS. ANSWER COMPULSORY QUESTION 13.   3X2=6
11. What is an IP address?
12. What is a resolver?
13. What is an Ethernet port?
14. What are the types of twisted pair cables?
15. Define E-Commerce

SECTION - C

ANSWER ANY 3 OF FOLLOWING QUESTIONS. ANSWER COMPULSORY QUESTION 18.   3X3=9
16. Differentiate IPv4 and IPv6.
17. Write a note on domain name
18. Write a short note on RJ45 connector.
19. What are the components involved in Ethernet cabling?
20. List out the Popular Open Source Software

SECTION - D

ANSWER ALL OF THE QUESTIONS.   2X5=10
21. Classify and Explain the IP address and its classification. *(OR)*
    Explain the Name server and its types.
22. Explain the types of network cables. *(OR)*
    Differentiate Proprietary and Open Source Software.