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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.