SECOND MID TERM TEST - 2024

STANDARD - XII

TIME: 1.30 hrs   COMPUTER APPLICATIONS   MARKS:50

I Choose the Correct Answer.   10x1=10

1. Which of the following is used to maintain all the directory of domain names?
   a) Domain name system   b) Domain name space
   c) Name space   d) IP address

2. How many bits are used in the IPv6 addresses?
   a) 32   b) 64   c) 128   d) 16

3. In domain name, sequence of labels are separated by
   a) ;   b) .(dot)   c) :   d) NULL

4. Root name servers are maintained by
   a) IANA   b) ICANN   c) WHOIS   d) DNS

5. ARPANET stands for
   a) American Research Project Agency Network
   b) Advanced Research Project Area Network
   c) Advanced Research Project Agency Network
   d) American Research Programs And Network

6. Expansion of UTP is
   a) Uninterrupted Twisted Pair   b) Uninterrupted Twisted Protocol
   c) Unshielded Twisted Pair   d) Universal Twisted Protocol

7. Which of the following connector is called as champ connector?
   a) RJ11   b) RJ21   c) RJ61   d) RJ45

8. If the source code of a software is freely accessible by the public, then it is known as
   a) freeware   b) Firmware   c) Open source   d) Public source

9. Which of the following can document every incident that happened in the simulation and are used for examination?
   a) Net Exam   b) Network hardware   c) Trace file   d) Net document

10. Open NMS was released in _____
    a) 1999   b) 2000   c) 2003   d) 2004

II Answer any 5 Questions.

5x2=10

11. What is an URL?

12. Mention the components of DNS.

13. What is an Ethernet port?

14. What are the types of twisted pair cables?

15. What is meant by network simulator?

16. Write short notes on NS2.

III Answer any 5 questions.

5x3=15

17. Differentiate IPv4 and IPv6.

18. What are the differences between Absolute URL and Relative URL?

19. What is meant by null modem cable?

20. What are the types of Fibre optic cables?

21. Explain Free software.

22. Explain Types of Organisations related to Open Source.

IV Answer any 3 questions.

3x5=15

23. Classify and Explain the IP address and its classification.

24. Explain about the name server and its types.

25. Explain the components used in Ethernet cabling.

26. Explain the types of network cables.

27. List out the Benefits of Open Source Software.

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