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Q1. TCP/IP can work on

    a) ethernet
    b) token ring
    c) a & b
    d) none

Q2. The OSI layer from bottom to top for an application which exceeds 64k the memory model should be

    a) medium
    b) huge
    c) large
    d) none

Q3. Which is true?

    a) bridge connects dissimiler LAN and protocol insensitive.
    b) router connects dissimiler LAN and protocol insensitive.
    c) gateway connects dissimiler LAN and protocol insensitive.
    d) none of the above

Q4. A node has the IP address 138.50.10.7 and 138.50.10.9.But it is transmitting data from node1 to node 2 only. The reason may be

    a) a node cannot have more than one address
    b) class A should have second octet different
    c) class B should have second octet different
    d) All a,b,c

Q5. Wrong statement about C++?

    a) code removeably
    b) encapsulation of data and code

c) program easy maintenance
d) program runs faster

Q6. x.25 protocol encapsulates the following layers

a) network
b) datalink
c) physical
d) all of the above
e) none of the above

Q7. unix system is

a) multi processing
b) multi processing, multiuser
c) multi processing, multiuser, multitasking
d) multiuser, multitasking

Q8. Which one is not done by Data link layer?

a) bit stuffing
b) LRC
c) CRC
d) parity check

Q9. Which one is not needed for Multi-program environment?

a) virtual memory
b) security
c) time sharing
d) none of the above.

Q10. Term stickily bit is related to

a) kernel
b) undeletable
c) file
d) none

Q11. Which one is not suitable for client-server application?

a) tcp/ip
b) message passing
c) rpc
d) none of the above.

Q12. In Unix inter process communication take place using?

Q13. Give process id for kernell process.

Q14. Explain the function entry for DLL in win3.1.

Q15. How to send message to limit the size of window.

Q16. How to initialize contents of a dialog?

Q17. What is wrong with the call fopen(c: ewdirfile.dat, r)?

Q18. Why does not C have nested functions?

Q19. How do you write a program which produces its own source code as itsoutput?

Q20. How can I invoke another program from within a C program?

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Q21. How can I call a function, given its name as a string?

Q22. How can I convert integers to binary or hexadecimal?

Q23. How can I find the day of the week given the date?

Q24. How can I return multiple values from a function?

Q25. How can I increase the allowable number of simultaneously open files?

Q26. How can I find out how much memory is available?

Q27. How can I access memory located at a certain address?

Q28. How can I read a directory in a C program?

Q29. How can I allocate arrays or structures bigger than 64K?

Q30. What is the most efficient way to count the number of bits which are set in a value?

Q31. How do I access command-line arguments?