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1) Which are examples of IPS(In-trusion Protection System)?
   1) Solar Designer Open Wall
   2) Grsecuirty
   3) LOMAC
   4) All of the above
   5) None of these
   ANS) 4

2) This is a set of related programs ,usually located at a network gateway server ,that protects the resources of a private network from other networks:
   1) Firewall
   2) Rootkit
   3) Sandbox
   4) Password cracker
   5) None of these
   ANS) 1

3) This is the process of determining whether someone or something is, in fact, who or what it is declared to be ?
   1) Conditional access
   2) Anonymizer
   3) Bypass
   4) User Profile
   5) Authentification
   ANS) 5

4) What happens if you digitally sign and inject a footer on an e-mail message in the wrong order?
   1) Nothing.
   2) The message won't be sent.
   3) The footer will invalidate the signature
   4) The footer will be illegible
   5) None of these
ANS) 3

5) Which is not a charactertics of a process?
   1) Process is always respond to specific events
   2) Process always delivers specific results
   3) Process always resonds to specific events
   4) Process always is necessary
   5) None of these
ANS) 4

6) Which is the most important of SLM?
   1) Customer service
   2) Customer Satisfaction
   3) 24*7 IT support
   4) Meeting the SLAs
   5) None of these
ANS) 2

7) What does a service always deliver to customers?
   1) Applications
   2) Infrastructure
   3) Value
   4) Resources

5) None of these

ANS) 3

8) "E-mail services for a particular department needs encryption and backups " is example of :
   1) Corporate Level SLA
   2) Customer Level SLA
   3) Service Level SLA
   4) All of these
   5) None of these

ANS) 3

9) Which of these is critical success for service level agreement?
   1) All services are met
   2) Users appreciate the costs of desired service levels
   3) Service performance measures are available
   4) All of the above
   5) None of these

   ANS) 2

10) In object – oriented technology hiding the complexity of characteristics is called
    1) Abstraction
    2) Object
    3) Inheritance
    4) Polymorphism
    5) None of these

ANS) 1

11) Which of the following is false from change in computer from one generation to the next ?
    1) Computer size is decreased
    2) Speed of processing increases
    3) Memory /storage capacities decreases
    4) All of these
    5) None of these

    ANS) 3

12) The strategy for testing a function when developing a software is made at
    1) Test strategy
    2) Test plans
    3) Test case design
    4) All of these
    5) None of these

ANS) 2

13) We are shifting towards computerization because
    1) Current technologies are available
    2) Technologies help in meeting the business objectives
    3) Hire the employees that are expert in the latest technologies are available
    4) All of these
    5) None of these

    ANS) 2

14) Which of the following makes a network insecure?
    1) Encryption
    2) Network interface card (NIC)
    3) Static keys
    4) All of these

5) None of these

ANS) 3

15. Project management will be made a separate division on the basis of:

1) Interdepencies among departments

2) Sharing of resources

3) Size of the above

4) All of these

5) None of these

ANS) 4

16. Which of the following is equivalent to 7 in binary system ?

1) 110

2) 111

3) 101

4) All of these

5) None of these

ANS) 2

17. Telnet helps in

1)   Remote log in

2)   Connecting to television

3)   Transferring files across net

4)   All of these

5)   None of the these

ANS) 1

18. G3 is a –

1)   Computer

2)   Cable

3)   Chip

4)   Mother – board

5)   None of these

ANS) 3

19. In MICR ,C Stands for…………

1)   Code

2)   Colour

3)   Computer

4)   Character

5)   None of these

ANS) 4

20. What is MP3

1)   A Mouse

2)   A Printer

3)   A Sound format

4)   A Scanner

5)   None of these

ANS) 3

21. A directory within a directory is called-

1)   Mini Directory

2)   Junior Directory

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3)   Part Directory

4)   Sub Directory

5)   None of these

ANS) 4

22. Top to down traversing of tree is called

1)   Preorder

2)   Postorder

3)   Inorder

4)   Searching

5)   None of these

ANS) 1

23. Header of IP is fixed part of

1)   20 bytes

2)   32 bytes

3)   20 bits

4)   32 bits

5)   None of these

ANS) 1

24. Find the output for the following C program f=(x>y) ? X:Y

1) f points to max of x and y

2) f Points to min of x and y

3) error

4) All of these

5) None of these

ANS) 1

25. Which of the following is a task region of spiral model ?

1)   Planning

2)   Risk analysis

3)   Engineering

4)   All of these

5)   None of the above

ANS) 4

26. Web browser is:

1)   Software tool is that computer which is used for communication with server on internet

2)   Hardware tool used to browse the internet

3)   Software tool used to configure a web server

4)   All of these

5)   None of these

ANS) 1

27. An intelligent robot :

1)   Responds to changes in its environment

2)   Follows instructions mindlessly

3)   Possesses no more intelligence then a dish washer

4)   Does all of the above

5)   None of these

ANS) 1

28. Enhancement mode is used in
   1) MOSFEET
   2) JFET
   3) FET
   4) All of the above
   5) None of these
   ANS) 1

29. The topology with highest reliability
   1) Bus topology
   2) Star topology
   3) Ring topology
   4) Mesh topology
   5) None of the above

ANS) 4

30. How many number of bits required for 4 GB RAM
   1) 22 bits
   2) 32 bits
   3) 42 bits
   4) 44 bits
   5) None of these
   ANS) 2

31. Business uptime should be monitored_____.
   1) To improve the performance of the website
   2) To increase redundant systems
   3) To prevent the loss of revenue
   4) All of these
   5) None of the above

ANS) 3

32. _____ is the most advantageous payment way received through phone or e mail.
   1) Real time processing solutions
   2) Web link
   3) API
   4) Virtual terminal solutions
   5) None of these

ANS) 4

33. FTP is better than HTTP because_____.
   1) It uses separate channels for data transmission and flow control
   2) It transfer data from the web server
   3) It transfer data from the file server
   4) It copies files to the user's hard disk in the destination specified by the user
   5) None of the above

ANS) 1

34. Which of the following makes WEB insecure?
   1) RSA security algorithm
   2) Network interface card (NIC)
   3) Static keys
   4) Shared secret keys
   5) None of these

ANS) 3

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35. A web page cannot be created in:
   1) Java server pages
   2) Active server pages
   3) Active US Pages
   4) All of these
   5) None of these
   ANS) 3

36. Disk scanners are
   1) Anti – virus protection systems
   2) Aftereffects of virus
   3) 8086's supplementary IC
   4) All of these
   5) None of these
   ANS) 1

37. A collection of related records form a
   1) Structure
   2) File
   3) Array
   4) All of these
   5) None of these
ANS) 2

38. Which of them is not multiuser operating system?
   1) UNIX
   2) WINDOWS NT
   3) PC-DOS
   4) All of the above
   5) None of the above
ANS) 3

39. DDL is :
   1) Data deriving language
   2) Data definition language
   3) Data design language
   4) All of these
   5) None of these
   ANS)2

40. The fastest translator that converts high level language is_____.
   1) Interpreter
   2) Compiler
   3) Assembler
   4) All of the above
   5) None of the above
   ANS) 2

41. SONET uses_____.
   1) Twisted – pair cable
   2) Fiber – optic cable
   3) Co – axial cable
   4) All of these
   5) None of these
ANS) 2

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42. OSI reference model has_____layers
    1) 7
    2) 8
    3) 4
    4) 3
    5) None of these

ANS)1

43. A Dry pipe is_____.
    1) A sprinkler system where the water is in pipe but the outside of the pipe is dry
    2) A halon gas system that contains a dry pipe
    3) Carbon dioxide (CO2) gas system that has a dry chemical to extinguish a fire
    4) A sprinkler system where the water does not enter the pipes until the automatic sensor indicates that here is a fire in the area
    5) None of these

    ANS) 4

44. _____ is used for networks set up within a building
    1) WAN
    2) LAN
    3) MAN
    4) Internet
    5) None of these

    ANS)1

45. A data communications systems requires
    1) Terminal device
    2) Communication channel
    3) Protocols
    4) All of these
    5) None of these

    ANS) 4

46. Most common channel used by networks today is
    1) Internet
    2) Telephone lines
    3) Satellite
    4) Mail
    5) None of these

    ANS) 2

47. The term 'remote' wrt networks means
    1) A device that can't control network functions
    2) Machine located far off
    3) Any peripheral or application located far off
    4) FEP
    5) None of these

    ANS) 2

48. In two –tier client server architecture ,the client is usually
    1) Fat cliuent
    2) Thin client
    3) Very thin client
    4) All of these
    5) None of these

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ANS) 1

49. The …. Provides the go ahead approval for the development of projects.
    1) The project head
    2) The user department head
    3) The senior management
    4) All of these
    5) None of these
    ANS) 3

50. _____ is a component of an online shopping mall.
    1) Shopping cart
    2) Customer databases
    3) Inventory control systems
    4) All of these
    5) None of these
    ANS) 1

51. Which of the following cannot be shared?
    1) Monitor
    2) Scanner
    3) PC clock
    4) All can be shared
    5) None of these

ANS) 3

52. Which of the following is a server?
    1) WWW
    2) FTP mainframe
    3) HTTP
    4) All are server types
    5) None of these
ANS) 4

53. Which of the following are stored in partition table?
    1) Where the different partitions of disk begin
    2) \where the different partitions of disk end
    3) Which is bootable partition
    4) All of the above
    5) None of the above
    ANS) 3

54. Predictive validity means _____.
    1) Quantitative score
    2) Assessment model
    3) Quality assure
    4) All of these
    5) None of these
    ANS) 4

55. _____ out of three rollers are responsible for movement of curspor on screen .
    1) 2
    2) 3
    3) 1
    4) All are responsible
    5) None of these

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ANS) 1

56. _____holds actual data in the data base?
   1) Schemas
   2) Triggers
   3) Reports
   4) Tables
   5) None of these
   ANS) 4

57.   8087 is
   1) Match processor
   2) Ic
   3) Peripheral
   4) All of these
   5) None of these
   ANS) 4

58. Digital signals used in ISDN hav3e_____.
   1) Discrete values
   2) Whole number values
   3) Any value
   4) Fractional value
   5) None of these

ANS) 1

59. A software that converts a code in machine code is called _____.
   1) Linker
   2) Compiler
   3) Interpreter
   4) Assembler
   5) None of these
      ANS) 4

60. 'C' is a _____ generation language.
   1) 2nd
   2) 3rd
   3) 4th
   4) 5th
   5) None of these
   ANS) 2

61. VIRUSES cannot be spread by _____.
   1) Networks
   2) Modem
   3) Floppies
   4) All of these
   5) None of these

ANS)2

62. 'NORTON' is an _____.
   1) Software
   2) Anti – virus
   3) Network
   4) Program
   5) None of these

ANS: 2

63. "BOOT"is _____.
    1) Start up a computer
    2) Loading software in computer
    3) Managing memory of computer
    4) All of these
    5) None of these

ANS) 4

64. Pointer is
    1) Data type
    2) Integer
    3) The address of available
    4) A variable for storing address
    5) None of these

    ANS) 1

65. Cache is
    1) ROM
    2) Fastest RAM
    3) Hard disks
    4) Registers
    5) None of these

    ANS) 2

66. Multithreading performance depends on__
    1) Calculation
    2) Size of input data
    3) Hardware
    4) All of the above
    5) None of these

ANS) 4

67. Main function of object oriented language is
    1) Method
    2) Class
    3) Over loading
    4) Object
    5) None of these

    ANS) 2

68. …………… is a component of PPP.
    1) LCP
    2) OSPF
    3) SLIP
    4) POP3
    5) NONE OF THESE

ANS) 1

69. The………. Interface is a two –wire interface that connects to the NTI device
    1) T
    2) U
    3) R
    4) S
    5) None of these

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ANS) 2

70. To….. an inline function ,you should change it to an outline function.
    1) Edit
    2) Debug
    3) Comment out
    4) Remove
    5) None of these

ANS) 1

71. Problem analysis is done during
    1) System design phase
    2) Systems analysis phase
    3) Before systems test
    4) All of these
    5) None of these

    ANS) 2

72. The context free languages are closed under –
    1) Union
    2) Keene star
    3) Concatenation
    4) All of these
    5) None of these

    ANS) 4

73. Which URL is used to link to multimedia
    1) Hyper media
    2) Hyperlink
    3) Hypertext
    4) HTML
    5) None of these

ANS) 1

74. Black Box testing sometimes called
    1) Data flow testing
    2) Loop testing
    3) Behavioral testing
    4) Graph based testing
    5) None of these
    ANS) 3

75. Fastest memory is
    1) RAM
    2) ROM
    3) CPU
    4) Cache memory
    5) None of these
    ANS) 4

76. HTTP Port number
    1) 80
    2) 123
    3) 25
    4) 125
    5) None of these

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ANS) 1

77. Paging is a –
    1) Virtual memory
    2) Memory management scheme
    3) Allocation of memory
    4) Deadlock prevention scheme
    5) None of these

ANS) 2

78. The monitor of a computer is connected to it by a
    1) Cable
    2) Wire
    3) Bus
    4) Modem
    5) None of these
    ANS) 1

79. The spiral model originally proposed by-
    1) Winston Royce
    2) Raccoon
    3) Boehm
    4) Davis
    5) None of these
    ANS) 2

80. In a stack, which instruction are used
    1) PUSH
    2) POP
    3) PUSH,POP
    4) PUSH,OUT
    5) NONE OF THESE
    ANS) 2

81. JAVA
    1) It is based on object oriented language
    2) It uses pointer to access the member function
    3) It is 3 GL language
    4) All of the above
    5) None of these

82. 8kbx 16 represents
    1) 10 Address line
    2) 17 Address line
    3) 13 Address line
    4) All of these
    5) None of these

ANS) 3

83. The computer language generally translated to pseudo codes to
    1) Assembly
    2) Machine
    3) Pascal
    4) PL/I

   5) None of these

ANS) 1

84. Queries to a data base

   1) Are written in English
   2) Can use aggregate functions like SUM and count'
   3) Both (1) and(2)
   4) Either (1) or (2)
   5) None of these

   ANS) 2

85. The logical data structure with a one –to many relation –ship is a

   1) Network
   2) Tree
   3) Chain
   4) Relational
   5) None of these

   ANS) 2

86. The …………………is a hardware that identifies each node in a network uniquely

   1) Duplex
   2) Switch
   3) Attachment unit interface
   4) Media access control
   5) None of these

ANS) 4

87. Which of the following is a IBM's microcomputer?

   1) MAC
   2) Micro comp
   3) Macintosh
   4) Both (1) &(2)
   5) None of these

ANS) 3

88. Which one among the following is not an inter-network ?

   1) MAN
   2) WAN
   3) LAN
   4) All of these
   5) None of these

   ANS) 3

89._____ type of content is included in web content of a site.

   1) Creative content
   2) Application or process'
   3) Both creative and application content
   4) All of these
   5) None of these

   ANS) 3

90. _____can be one of the approach used to tax online transactions.

   1) Permanent establishment
   2) Residence –based
   3) Income based classification
   4) All of these

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    5) None of these

ANS) 4

91. _____is the process of organizing data in tables with the object of elimination redundancy and inconsistent dependency
   1) Data modeling
   2) Normalization
   3) Data mining
   4) All of these
   5) None of these

ANS) 2

92. MICR devices can read :
   1) Letters
   2) Numbers
   3) Both of these
   4) All of these
   5) None of these
   ANS) 2

93. A protocol is
   1) Service that helps in communicating
   2) Rules that help computer 'talk'
   3) Way of transmission of data over the net
   4) All of these
   5) None of these

ANS) 2

94. Fastest speed-
   1) LAN
   2) Token bus
   3) Ring
   4) FDDI ring
   5) None of these

ANS) 2

95. The area created in an OSPF area is a ....area
   1) Normal
   2) Stub
   3) Totally stubby
   4) Not –so-stubby
   5) None of these

ANS) 1

96. Packages are used
   1) To avoid name collusion
   2) To determine the accessibility of variables
   3) To fast retrieving
   4) All of these
   5) None of these

ANS) 1

97. The process of normalization:
   1) Is automatically using a computer program
   2) Requires one to understand dependency between attributes

3)   Is manual and requires semantic information

4)   Is finding the key of a relation

5)   None of these

ANS) 2

98. Hamming distance is

1)   A theoretical way of measuring errors

2)   A technique for assigning codes to a set of items known to occur with a given probability

3)   A technique for optimizing the intermediate code

4)   All of the above

5)   None of these

ANS) 1

99. The PPP replaced…………………..

1)   HDLC

2)   OSPF

3)   SLIP

4)   PAP

5)   None of these

ANS) 3

100. Context free grammar is

1)   A compiler

2)   A language generator

3)   A regular expression

4)   All of these

5)   None of these

ANS) 2

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