ICICI Bank | Placement Question Paper with Answers (28-08-2008)

ICICI Bank Pape

Held on 25 sep. 2008.

Questions of ICICI bank:

1.A 2MB PCM(pulse code modulation) has

a) 32 channels b) 30 voice channels & 1 signalling channel.

c) 31 voice channels & 1 signalling channel.

d) 32 channels out of which 30 voice channels, 1 signalling channel, & 1 Synchronizatio channel.

Ans: : (c)

2. Time taken for 1 satellite hop in voice communication is

a) 1/2 second

b) 1 seconds

c) 4 seconds

d) 2 seconds

Ans: : (a)

3.A dishonest shopkeeper professes to sell pulses at the cost price, but he uses a false weight of 950gm. for a kg.

His gain is …%.

4.Max number of satellite hops allowed in voice communication is :

a) only one b) more than one c) two hops d) four hops

Ans: : (c)

5.Conditional results after execution of an instruction in a micro processor is stored ina) register b) accumulator c) flag register d) flag register part of PSW(Program Status Word)

Ans: : (d)

6.Frequency at which VOICE is sampled is

a) 4 Khz

b) 8 Khz

c) 16 Khz

d) 64 Khz

Ans: : (a)

7.Line of Sight is

a) Straight Line

b) Parabolic

c) Tx & Rx should be visible to each other

d) none

Ans: : (c)

8.Purpose of PC(Program Counter) in a Micro Processor is

a) To store address of TOS(Top Of Stack)

b) To store address of next instruction to be executed.

c) count the number of instructions.

d) to store base address of the stack.

Ans: : (b)

9.What action is taken when the processor under execution is interrupted by a non-maskable interrupt?

a) Processor serves the interrupt request after completing the execution of the current instruction.

b) Processor serves the interupt request after completing the current task.

c) Processor serves the interupt request immediately.

d) Processor serving the interrupt request depends upon the priority of the current task under execution.

Ans: : (a)

10.The status of the Kernel is

a) task

b) process

c) not defined.

d) none of the above.

Ans: : (b)

11.To send a data packet using datagram , connection will be established

a) before data tr Ans: mission.

b) connection is not established before data tr Ans: mission.

c) no connection is required.

d) none of the above.

Ans: : (c)

12.Word allignment is

a) alligning the address to the next word boundary of the machine.

b) alligning to even boundary.

c) alligning to word boundary.

d) none of the above.

Ans: : (a)

13.When a C function call is made, the order in which parameters passed to the function are pushed into the stack is

a) left to right b) right to left

c) bigger variables are moved first than the smaller variales.

d) smaller variables are moved first than the bigger ones.

e) none of the above.

Ans: : (b)

14.What is the type of signalling used between two exchanges?

a) inband

b) common channel signaling

c) any of the above

d) none of the above.

Ans: : (a)

15.Buffering is

a) the process of temporarily storing the data to allow for small variation in device speeds

b) a method to reduce cross talks

c) storage of data within tr Ans: mitting medium until the receiver is ready to receive.

d) a method to reduce routing overhead.

Ans: : (a)

16. Memory allocation of variables declared in a program is

a) allocated in RAM.

b) allocated in ROM.

c) allocated on stack.

d) assigned to registers.

Ans: : (c)

17.A software that allows a personal computer to pretend as a computer terminal is

a) terminal adapter b) bulletin board c) modem d) terminal emulation

Ans: : (d)

18.Find the output of the following program

int *p,*q;

p=(int *)1000;

q=(int *)2000;

printf("%d",(q-p));

Ans: : 500

19.Which addressing mode is used in the following statements:

(a) MVI B,55

(b) MOV B,A

(c) MOV M,A

Ans: . (a) Immediate addressing mode.

(b) Register Addressing Mode

(c) Direct addressing mode

20.RS-232C standard is used in _____.

Ans: . Serial I/O

21.Memory. Management in Operating Systems is done by

a) Memory Management Unit

b) Memory management software of the Operating System

c) Kernel

Ans: : (b)

22.What is done for a Push opertion?

Ans: : SP is decremented and then the value is stored.

23.Binary equivalent of 52

Ans: . 110100

24.Hexadecimal equivalent of 3452 Ans:

72A

25.Explain Just In Time Concept ?

Ans: . Elimination of waste by purchasing manufacturing exactly when needed

26.A good way of unit testing s/w program is

Ans: . User test

27.OOT uses

Ans: . Encapsulated of detect methods

28.EDI useful in

Ans: . Electronic Tr

Ans: mission

29.MRPII different from MRP

Ans: . Modular version of man redundant initials

30.Hard disk time for R/W head to move to correct sector

Ans: . Latency Time

31.The percentage of times a page number bound in associate register is called

Ans: . Bit ratio

32.Expand MODEM

Ans: . Modulator and Demodulator

33.RDBMS file system can be defined as

Ans: . Interrelated

34.Super Key is

Ans: . Primary key and Attribute

35.Windows 95 supports

(a) Multiuser (b) n tasks (c) Both (d) None

Ans: . (a)

36.In the command scanf, h is used for

Ans: . Short int

37.A process is defined as

Ans: . Program in execution

38.A thread is

Ans: . Detachable unit of executable code)

39.A thread is

Ans: . Detachable unit of executable code)

40..How is memory management done in Win95

Ans: . Through paging and segmentation

41.What is meant by polymorphism

Ans: . Redfinition of a base class method in a derived class

42.What is the essential feature of inheritance

Ans: . All properties of existing class are derived

43.What does the protocol FTP do AnsTr

Ans: fer a file b/w stations with user authentification

44.In the tr

Ansport layer ,TCP is what type of protocol

Ans: . Connection oriented

45.Why is a gateway used

Ans: . To connect incompatible networks

46.How is linked list implemented

Ans: . By referential structures

47.What method is used in Win95 in multitasking

Ans: . Non preemptive check

48.What is a semaphore

Ans: . A method synchronization of multiple processes

49.What is the precedence order from high to low ,of the symbols ( ) ++ /

Ans: .( ) , ++, /

50.Preorder of A*(B+C)/D-G

Ans: .*+ABC/-DG

51.What is the efficiency of merge sort

Ans: . O(n log n)

52.In which layer are routers used

Ans: .In network layer

53.Which of the following sorting algorithem has average sorting behavior –Bubble sort, merge sort, heap sort, exchange sort

Ans: . Heap sort

54. In binary search tree which traversal is used for getting ascending order values–Inorder ,post order,preorder

Ans: .Inorder

55. What are device drivers used for

Ans: .To provide software for enabling the hardware