



ValueLabs Model Question Paper

Q1) What does 'virtual' keyword in C++?

Q2) EACKFHDBG what is preorder?

Q3) Depth of balanced binary tree?

- a) $\log_2 n$
- b) $\log_2 n + 1$
- c) n
- d) None

Q4) Total no of comparisons in bubble sort when list is not sorted

Q5) Efficient data structure for store/search list of 1000 records

- a) array
- b) double linked list
- c) circular queue
- d) hash table

Q6) Static variable in C stored in

- a) heap
- b) stack
- c) code segment
- d) none

Q7) Connectionless protocol is

Q8) Which is associative of data link layer

Q9) Page fault occurs when

- a) page is not in virtual address space
- b) page is not in virtual address space
- c) both

d) none

Q10) When a process waits for an i/o operation to complete then it is called

Q11) Router works which layer of OSI

Q12) What is interrupt latency

Q13) RARP protocol used to

Q14) What critical region is

Q15) FDDI is which network

- a) ring topology
- b) bus
- c) star
- d) mess

Q16) What are the protocol of data link layer

Q17) Packet switching used for

Q18) You want download a file modem speed (isp speed 56kbps). File downloaded with in 2 min, so how much data downloaded

Q19) 2 * *X 3* *

005 **

a*6 *

**3

----- find out stars

Q20) Six people are there they went see the film, they want sit following order

Suzzy, miley, stella, rachel, raghu, geetha

Suzzy will sit either side of milay



Stell will sit either side of suzzy, miley
Rachel will sit either side of suzzy stell

Like this what is problem of sitting students

- a) 40
- b) 60
- c) 54