
INFOSYS Placement Papers

By Students3k.com

> The Questions are follows

> 1. Number of null pointers in any binary tree = $n+1$

> 2. $\max(t_1, t_2, \dots, t_n)$ = pipelining

> 3. 50% -DBETXXXXX - density

> 4. print (Head(T))

> Traverse(left(T))

> print (Head(T))

> Traverse(right(T)) - ans: none of the above

> 5. Boolean expn Evalvate

> 6. Common subexpn : - ans : $a + e$

> 7. LRU : 1, 2, 3.

> 8. Tr. Delay - 10000 bits ans. 10.01

> 9. Grammar of Number of shift / reduce operator : ans. 4

> 10. CPU scheduling 9,8 ?

> 11. if even $x/2$

> else $p(p(3x+1))$

>

> $2^k + 1: 3 \cdot 2^{(k-1)}$ clarify this with sans

> 12. allocation ans: (ii) only

> 13. swapping : ans: reference only

> 14. Compiler - related Qn.

> 15. LAN frames - ? related Qn.

> 16. parameter passing (35,20)

> 17. sliding window protocol

> - BUFFER SIZE large

> 18. kernel mode - deallocate resource

> 19. logic circuit

> ans . Minimum OR = 3

> 20. Combinatorics related

> 21. priority scheduling

> 22. cobegin

> begin x = y; x= x+1; y= x

> begin x =y; z= z+1; y= z

> coend

>

> ans. Number of values possi = 2

> 23. 2 bits flip / 2 bits exchange

>

> ans : the word with one '1'

> 24. any addr

> $K^+ v(a) + 2l - 2a$

>

> clarify with SANS.

>

>

- > Here are the infosys questions which appeared here., They had
- > five sets of que. papers A,B,C,D,E. This is set A. Others
- > are also of similar type with few modifications.
- > love-kalya.

INFOSYS Paper By Students3k.com

- > > There are 5 question papers with them. this is only one of those.
 - > > All other's were more or less of the same model but different questions. This is just to give you an idea.
 - > > The questions are not in order.

 - > > 1)A,B,C,D,E related.4 of them made these statements each.
 - > > i)C is my son in law's brother.
 - > > ii)B is my father's brother.
 - > > iii)E is my mother in law.
 - > > iv)A is my brother's wife.
 - > > who made these statements?(person mentioned is one of A,B,C,D,E)
- (10 marks).

>> 2) e means belong.

>> All members of E e D.

>> All members of D e A.

>> Not all members of D e E.

>> Not all members of A e D.

>> All members of C e both A and B. some questions are asked about
relation. use venn diagram. (5 marks).

>> 3) complete the table.

>> Played won lost draw goals goals

>> for against

>> A 2 2 1

>> B 2 1 2 4

>> C 2 3 7

>>

>> A, B, C are 3 hockey teams. (2 marks).

>> 4) A says Party was held on :Thursday ,May 8th.

>> B says Party was held on :Tuesday, May 10th.

>> C says party was held on :Friday ,June 8th.

>> Given April 1 st was Tuesday. one of A, B, C says 1 correct. one says 1

>> wrong. and one was completely wrong of date, Month and day. Find the

>> Day the party held. (5marks).

>> 5) A ship is away from the shore by 180 miles. A plane is travelling at

>> 10 times speed of the ship. How long from the shore will they meet? (2marks)

>> 6) Every station in N railroad issue everyother station's ticket.

>> some stations are added.Now they have to issue 46 more tickets.

>> say the No.of stations after and before added.(5 marks).

>> 7) 3 persons say these statements.

>> A says either Democratic or liberal wins the elections.

>> B says Democratic wins.C says neither democratic nor liberal wins

>> the election.of these only one is wrong.who wins the election? (5 marks)

>> 8) A clock showing 6 o'clock takes 30 secs to strike 6 times. How long

>> will it take to strike 12 at midnight?Ans.66 secs.(2marks)

>> 9) Only boys aged > 16 wear coats.

>> Boys aged > 15 go to watch football. Some more statements are given.

>> What can be said about those who are watching football ? (age and costume) (5 marks)

- >> 10) There are 3 societies A,B,C having some tractors each.
- >> A Gives B and C as many tractors as they already have.
- >> After some days B gives A and C as many tractors as they have.
- >> After some days C gives A and B as many tractors as they have.
- >> Finally each has 24 tractors.what is the original No.of
- >> tractors each had in the beginning?

Ans.A -39.

- >> B- 21.
- >> C- 12.(7 marks).

>> 11) 4,5 statements from that find the answer.(7 marks).

>> **Reference books**

>> 1.) **Puzzles and teasers by summer's**

>> 2.) **Shakuntala Devi. (puzzles).**
