

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% - DBETXXXXXX - density
4. $\text{print}(\text{Head}(T)) \text{ Traverse}(\text{left}(T)) \text{ print}(\text{Head}(T)) \text{ Traverse}(\text{right}(T))$ - 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 . $2^{(k-1)}$ 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 'l'
24. any addr $K^+ + v(a) + 2I - 2a$ clarify with SANS. bye with love jayakumar