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Placement Papers: TCS Paper 379

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TCS Paper 379

TCS PAPER ON 19th MARCH

HI FRIENDS I AM RAHUL RASHU PLACED IN TCS

HERE ARE THE QUESTIONS

THE TEST CONSISTS OF 3 SECTIONS

SECTION 1

THIS SECTION CONSISTS OF 10 SYNONYMS AND 10 ANTONYMS

ALL THE QUESTIONS ARE FROM BARRON BOOK

YOU MUST BE THOROUGH WITH THE HIGH FREQUENCY WORDS AND YOU MUST SOLVE PREVIOUS YEARS PAPERS.

SOME OF THE WORDS WHICH I REMEMBER AM GIVING FOR YOUR REFERENCE

1. INFIRM
2. DRUDGERY
3. DEADBEAT
4. ENERVATE
5. PRAGMATISTIC
6. MASTHEAD SORRY FRIENDS I REMEMBER ONLY THIS MUCH WORDS BUT YOU MUST BE THOROUGH WITH THIS SECTION FOR THIS BE CAREFUL. OTHER THAN THIS ONE PASSAGE WAS THERE IT WAS ALSO FROM BARRON. I AM MENTIONING YOU THE PAGE NUMBER 443 16TH EDITION MODEL TEST NUMBER 1. OTHER THAN THIS ONE PARAGRAPH FOR FILL IN THE BLANKS WAS ALSO THERE WHICH I DON'T REMEMBER FROM WHERE THEY COLLECTED BUT IT WAS EASY SO YOU CAN SOLVE THAT ON THE SPOT ALSO.

Section 2

THIS SECTION WAS FOR SIMPLE APTITUDES FOR THIS JUST GO THROUGH R. S. AGARWAL AND

SOLVE PREVIOUS YEARS PAPERS SOME OF THE QUESTIONS WHICH I REMEMBER I AM GIVING YOU

1. In a two-dimensional array, X (9,7) , with each element occupying 4 bytes of memory, with the address of the first element X (1,1) is 3000, find the address of X (8,5)

2. In the word ORGANISATIONAL, if the first and second, third and forth, forth and fifth, fifth and sixth words are interchanged up to the last letter, what would be the tenth letter from right
3. What is the largest prime number that can be stored in an 8-bit memory?
4. Select the odd one out. a. Java b. Lisp c. Smalltalk d. Eiffel.
5. Select the odd one out a. SMTP b. WAP c. SAP d. ARP
6. Select the odd one out a. Oracle b. Linux c. Ingress d. DB2
7. Select the odd one out a. WAP b. HTTP c. BAAN d. ARP
8. Select the odd one out a. LINUX b. UNIX c. SOLARIS d. SQL SEVER
9. Select the odd one out a. SQL b. DB2 c. SYBASE d. HTTP
10. The size of a program is N. And the memory occupied by the program is given by $M = \text{square root of } 100N$. If the size of the program is increased by 1% then how much memory now occupied?
11. A man, a woman, and a child can do a piece of work in 6 days. Man only can do it in 24 days. Woman can do it in 16 days and in how many days child can do the same work?
12. In which of the system, decimal number 384 is equal to 1234?
13. Find the value of the 678 to the base 7.
14. Number of faces, vertices and edges of a cube
15. Complete the series 2, 7, 24, 77, _____
16. Find the value of $@@ + 25 \div + @16$, where @ denotes "square" and \div denotes "square root"
17. Find the result of the following expression if, M denotes modulus operation, R denotes round-off, T denotes truncation: $M(373, 5) + R(3.4) + T(7.7) + R(5.8)$
18. If TAFJHH is coded as RBKGI then RBDJK can be coded as _____
19. $G(0) = -1, G(1) = 1, G(N) = G(N-1) - G(N-2), G(5) = ?$
20. What is the max possible 3 digit prime number?
21. A power unit is there by the bank of the river of 750 meters width. A cable is made from power unit to power a plant opposite to that of the river and 1500mts away from the power unit. The cost of the cable below water is ₹ 15/-per meter and cost of cable on the bank is ₹ 12/-per meter. Find the total of laying the cable.
22. The size of a program is N. And the memory occupied by the program is given by $M = \text{square root of } 100N$. If the size of the program is increased by 1% then how much memory now occupied?
23. In Madras, temperature at noon varies according to $-t^{\frac{2}{2}} + 8t + 3$, where t is elapsed time. Find how much temperature more or less in 4pm to 9pm.
24. The size of the bucket is N kb. The bucket fills at the rate of 0.1 kb per millisecond. A programmer sends a program to receiver. There it waits for 10 milliseconds. And response will be back to programmer in 20 milliseconds. How much time the program takes to get a response back to the programmer, after it is sent?

25. A man, a woman, and a child can do a piece of work in 6 days. Man only can do it in 24 days. Woman can do it in 16 days and in how many days child can do the same work?
26. If the vertex (5,7) is placed in the memory. First vertex (1,1) s address is 1245 and then address of (5,7) is_____
27. Which of the following are orthogonal pairs?
28. If VXUPLVH is written as SURMISE, what is SHDVD?
29. If A, B and C are the mechanisms used separately to reduce the wastage of fuel by 30% , 20% and 10% . What will be the fuel economy if they were used combined.
30. What is the power of 2? a. 2068 b. 2048 c. 2668
31. Complete the series. 3,8, -, 24, -, 48,63
32. Complete the series. 4, 5, 11,14, 22, _____
33. A, B and C are 8 bit no's. They are as follows:
34. A Flight takes off at 2 A. M from northeast direction and travels for 11 hours to reach the destination which is in north west direction. Given the latitude and longitude of source and destination. Find the local time of destination when the flight reaches there?
35. A can copy 50 papers in 10 hours while both A & B can copy 70 papers in 10 hours. Then for how many hours required for B to copy 26 papers?
36. A is twice efficient than B. A and B can both work together to complete a work in 7 days. Then find in how many days A alone can complete the work?
37. A finish the work in 10 days. B is 60% efficient than A. So how days does B take to finish the work?
38. A finishes the work in 10 days & B in 8 days individually. If A works for only 6 days then how many days should B work to complete A's work?
39. Given the length of the 3 sides of a triangle. Find the one that is impossible (HINT: Sum of smaller 2 sides is greater than the other one which is larger) ?
40. Find the singularity matrix from a given set of matrices (Hint $\det(A) \neq 0$)
41. A 2D array is declared as A [9,7] and each element requires 2 byte. If A [1,1] is stored in 3000. Find the memory of A [8,5] ?
42. Sum of slopes of 2 perpendicular st. Lines is given. Find the pair of lines from the given set of options which satisfy the above condition?
43. Find which of the above is orthogonal.
44. (Momentum-Velocity) / (Acceleration-distance) find units.
45. The number 362 in decimal system is given by (1362) x in the X system of numbers find the value of X
46. Given \$ means Tripling and % means change of sign then find the value of \$ % \$ 6-% \$ % 6
47. My flight takes of at 2am from a place at 18N 10E and landed 10 Hrs later at a place with coordinates 36N70W. What is the local time when my plane landed (Hint: Every 1 deg longitude is

equal to 4 minutes. If west to east add time else subtract time) .

48. Find the highest prime number that can be stored in an 8bit computer.

49. Which of the following set of numbers has the highest Standard deviation?

50. Match the following:

51. Match the following: