

TCS INTERVIEW QUESTIONS

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Technical Interview:-

1. Introduce yourself.
2. Explain final year project.
3. Cross questioning on final year project.
4. Difference between AM and FM.
5. Difference between Latch and Flip-Flop.
6. What are universal gates.
7. Explain AND gate.
8. Overview of subjects: - Communication systems, Network analysis, Solid state devices, Digital techniques and applications, Analog communication.
9. Analog and digital communication with advantages and dis-advantages.
10. Explain Minor project.
11. Explain photo-diode and IR diode.
12. Explain seminar topic.
13. How is information stored in RFID tag and Barcode.
14. How does RFID and Barcode work.
15. Who invented C language?
16. Write code for Leap year in C
17. Difference between for, while and do-while loop.
18. Write C code for displaying even numbers between 20 to 80 using all loops.
19. Why is the sequence 00, 01 , 10, 11 used in truth tables.
20. Difference between C and CPP.
21. Draw and explain Antenna.
22. Difference between Arduino, Raspberry Pi.
23. Difference between processor and controller.
24. Explain Thevenin and Norton's theorem.
25. Last equation and inter-conversion of Thevenin and Norton's theorem.
26. Solve numerical of Thevenin and Norton theorem.
27. Calculate voltage across a resistor in the given Network.
28. What is Gray code and its significance.

MR round:

1. What do you know about Information security.
2. What is hardware security.
3. What is K map?
4. What is 'K' in K-map? Spell the name of the scientist.
5. Do you deserve to be the topper of the college?
6. Give two qualities so that I should select you?
7. Give two qualities so that I should reject you?
8. Do you out-source your project? Justify.

HR round:-

1. Introduce yourself briefly.
2. What are your hobbies.
3. Strengths and weakness.