***Infosys***

***Technical Interview questions***

1. Difference between C and C++?
2. What is null pointer?
3. What are the 4 basics of OOP?
4. What you mean by Object Relational DBMS?
5. Structural difference between bitmap and b-tree index?
6. What is database Schema?
7. What are the different levels of database schema?
8. What is difference between foreign key and reference key?
9. Tell me about DSN?
10. Difference between Clustered index and non clustered index?
11. What is WPF and WCF?
12. What is the difference between an EXE and a DLL?
13. Tell how to check whether a linked list is circular.
14. How can u increase the heap size in the memory?
15. Why is it difficult to store linked list in an array?
16. Different types of keys in SQL?
17. Explain about Joins, Views, Normalization, Triggers?
18. What is the difference between socket and session?
19. What is a default gateway?
20. Given an array of 1s and 0s arrange the 1s together and 0s together in a single scan of the array. Optimize the boundary conditions.
21. Define Data Abstraction. What is its importance?
22. Write a program to swap two numbers without using a temporary variable.
23. Memory Allocation in C/C++.
24. Write output of the program?
25. What is virtual function and pure virtual function?
26. What is your strong point in terms of technical knowledge? Like JAVA, C, C++.
27. What is inheritance? What are the different types of inheritance?
28. What are any two the differences between C++ and Java?
29. How modularity is present in C++?
30. How abstraction and encapsulation complementary?
31. What is a linked list?
32. Differentiate between Arrays and Linked List.
33. What is the difference between array and pointer?
34. What do you mean by platform independence?
35. What do you know about Unix and DOS?
36. Do you know about different level of languages?
37. What is the word used for virtual machine in JAVA? How is it implemented?
38. List different advantages of DBMS
39. What is the process of inheriting variable of one class to other class?
40. What are tokens in C++? What are its different types?
41. List out the areas in which data structures are applied extensively?
42. Difference between Class and Struct.
43. What is the difference between white box, black box, and gray box testing?
44. Tell us about the three levels of data abstraction? Which layer is at the user end?
45. Give different types of software model. Which model is best amongst them?
46. Write a program in C to swap two numbers without using a third variable.
47. What are the various steps involved in Life cycle's Development?
48. What do you know about IPv4 and IPv6? Differentiate between them.
49. Define polymorphism.
50. Differentiate between 'a' and "a".
51. What is preprocessor?
52. Write a program to decide whether the input number is a prime number or not.
53. What is the difference between Char and Varchar in DBMS?
54. Difference between Macro and ordinary definition.
55. What is a pointer in C? What is its use?
56. Tell us the difference between C & embedded C.
57. Explain the most recent project you have worked on (from resume).
58. Write a program to decide whether the input number is a perfect number or not.
59. Give different modulation techniques.
60. What is a Real Time OS.?
61. What is implicit cursor?
62. What is a Zener diode? What is its use?
63. Difference between TCP and UDP.
64. Draw the circuit of a low pass filter? Where is its significance?
65. What is an IC? What is its importance?
66. Define VLSI technology.
67. Differentiate between LCD & LED screens.
68. What is the main function of a data link content monitor?
69. What are the communications lines best suited to interactive processing applications?
70. What is the use of friend function?
71. What are pass by reference and pass by value?
72. What are the areas where data structures are applied extensively?
73. Write an Algorithm to exchange the elements of secondary diagonal of matrix?

**HR Interview Questions**

1. Some discussion about my hobbies. Which one is your favorite & why? What does it teach you?
2. Why are you not pursuing dance or basketball as your career? (I mentioned dance & basketball as my hobbies).
3. Tell me one real time situation where you have emerged as a Leader?
4. Why have you applied at Infosys?
5. Tell us about the company and its positioning as compared to its competitors?
6. What makes you stand out against all the other candidates?
7. Do you have any question for us?
8. Describe yourself.
9. Where would you like to work: software developing or software testing?
10. Why do you want to work at our company?
11. Why should we prefer you to other candidates?
12. What technical/functional areas interest you most? What would you be passionate about working on? Why?
13. Where do you see yourself in the next five years?
14. What is your biggest achievement till now?
15. Tell us about your ultimate goal in life.
16. Discuss the most stressful situation you’ve faced in college life.
17. What personal attributes do you have that will help you succeed in the work place?
18. Why do you think you are fit for our organization?
19. You had to wait for more than 5 hours for the interview. Are you feeling tired?
20. Tell me how was your online test?
21. What is your father’s occupation? What is his job location?
22. Who is your role model? What have you incorporated in your life from him/her?
23. Do you live in a hostel or at home?
24. Introduce yourself and tell us something apart from the Resume.
25. Do you have an offer from any other organization?
26. Why do you want to work for us? Where do you see yourself in 8-10 years from now?
27. How would you describe your college life?
28. What are your strengths and weaknesses? What are you doing to overcome your weaknesses?
29. Mention a person who is your role model in life.
30. Where do you rate yourself (out of 10) as an engineer?
31. Who is you idle person and why?
32. As a captain what do u learn from your co players?
33. Are you ready to handle a team under pressure? How would you manage your team
34. What will be your motto to motivate your team?
35. Do you get puzzled under pressure?
36. What is your biggest strength and weakness?
37. Tell us something about your biggest failure and achievement
38. Why this college and this stream?
39. Why Infosys?
40. What do you know about Infosys?
41. Why should Infosys hire you?
42. Do you have any query?
43. What is favorite movie and song?
44. Who is your favorite actor?
45. Which kind of movie you like to see?
46. Your dream vacation spot?
47. Your favorite cuisine?
48. Do you have any blind spots?
49. Where do you see yourself five years from now?
50. Describe your management style?
51. Are you a team player?
52. How would you be an asset to our organization?
53. Do you have any questions for me?
54. In your introduction I have found nothing new, explain what you have to offer?
55. Describe you experience in relation to the IT field?
56. In which language are u comfortable?
57. Are you willing to relocate?
58. Tell us one real time situation where you emerged as a Leader?
59. What technical areas interest you most?
60. Why do you think you are fit for our company (Infosys)?
61. Do you really think as a mechanical engineer you can work in IT field?
62. Tell me about your project.
63. What are you passionate about? what did you do it achieve it?
64. What is your greatest problem faced?how did you solve it?
65. Give me examples that you are a leader?
66. What are the challenges you faced in your leadership?
67. What is your final year project about?how did you went on to do it?
68. What is your short term and long term goal?
69. What do you expect from this job?
70. What are your strengths and weaknesses?
71. What did you do to overcome your weaknesses and foster your strengths?
72. Explain your team collaboration skills.
73. If you come from other branches than CSE and IT .Why do you seek career other than from your branch?