

Interview : Interview Question Asked Interview Question for Computer Science Engineering

1. Which is the first super computer built in India ?
2. Explain boundary fill, flood fill and scan fill
3. What is the language used for Artificial Intelligence?
4. Define Avalanche diode multiplication
5. How many flip flops are required for a modulo 19 counter?
6. A ring counter's initial state is 01000. After how many clock cycles will it return to its initial state?

7. Explain Fork as applied to UNIX. In UNIX what does profile contain?
8. In UNIX what is echo used for? What is the requirement of MIMD?
9. In UNIX what is the difference between select and poll?

10. How is relocatable code generated in an assembler?
11. Differentiate between little Endian and Big Endian data format?
12. How much information can be stored in 1-byte of an IBM pc compatible?
13. Explain the superscalar architect of Pentium. What is runtime locatable code?
14. What is the difference between risc and cisc? Whose product is the Power PC?
15. What are the functions done during the first pass of an assembler?

16. How is Code optimization done using DAG?
17. How do parsers work?

18. What is Moore machine? What is a Turing machine? What is a finite automata?

19. Which are the different phases in a software life cycle?
20. How much time is usually spent in each phase and why?
21. Why are analysis and testing phases very important?
22. What is testing? Which are the different types of testing?
23. What is unit testing, integration testing etc? Describe VRTX

24. Why are networks layered? What is the advantage of that?
25. What is gateway used for?
26. What are network topologies? Which are the different types?
27. Give an example of Bus type network?
28. What does CONNECT mean?
29. Explain about Ethernet? Which is the protocol used in Ethernet?
30. Explain the Shannon Hartley theorem. Give the features of CDMA technology
31. How many layers are there in OSI?
32. Explain HTTP, SMTP, TCP, UDP, WAP, IP and POP3
33. Why are partitions used? What are the different types of Partitions?
34. What bandwidth is suggested for ATM? What is meant by Subnet?
35. What is RSA? What is DHCP used for?
36. What is waterfall model, prototype model etc?
37. What is microwave propagation along the surface of the earth called?
38. How does WINMAIN look like? What is the disadvantage of pcm?

39. What is atomicity? What is indexing in databases?
40. What is the method used for disk searching?
41. Explain Codd's rule related to database

42. What is SQL? Explain about DNS
43. Briefly explain Vision critical systems? Which is the database using VCS?
44. Explain about RTOS and RDMS