

Latest Year KPIT Technologies Technical Test Question Paper

Q1. What is the output of the program?

```
void main()
{ int i,j,k;
  i=2; j=4; k=i++>j&2;
  printf("%d",k);
  if(++k && ++i<--j|| i++)
  { j=++k; }
  printf( "%d %d %d,i,-j--,k);
  getch();
}
```

- a) 4,-3,2
- b) 5,-3,2
- c) 4,-2,2
- d) 5,-2,2

ANS: d

Q2. If there are 1024*1280 pixels on a screen and each pixel can have around 16 million colors. Find the memory required for this?

ANS: 4 MB

Q3. What is the output of the following program?

```
#define inc(x) x++
main()
{ int t=1;
  printf("%d,inc(t++));
}
```

ANS: error

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Q4. A simple interest amount of Rs 5000 for six month is Rs 200. What is the annual rate of interest?

- a) 10%
- b) 6%
- c) 8%
- d) 9%

ANS: c) 8%

Q5. Ajith and Ajays age are in the ratio of 3:5. Two years hence, their age are in the ratio 7:11. What is Ajiths present age?

ANS: Ajiths age = 12.

Interview Questions

Q1. What is a thread?

Q2. What is inheritance?

Q3. What is data structure?

Q4. What is cache memory?

Q5. What is software testing? What are the types of software testing?

Q6. What is command line argument?

Q7. What is RMI and servlet?

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- Q8.** What is pointer?
- Q9.** What is a flip-flop? What are the different types of flip-flops?
- Q10.** Which testing is used to test internal logic?
- Q11.** What is a default gateway?
- Q12.** What is the difference between inverter and UPS?
- Q13.** What is java Applet?
- Q14.** What is SMTP?
- Q15.** What is an Index?
- Q16.** What are the functions of compiler?
- Q17.** What is the use of Control File?
- Q18.** How can you call an EJB from a JSP/ Servlet?
- Q19.** What is Memory Alignment?
- Q20.** Explain about DSN.

Technical Interview Questions - Paper II

- Q1.** What are pointers in C?
- Q2.** Which protocol is used to get IP address?

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Q3. What are the disadvantages of COM components?

Q4. How to load XML document and validate it?

Q5. What is the difference between Call by value and call by reference?

Q6. What are the features included in ODP.NET?

Q7. How to invoke queries from the application?

Q8. What are the provider and name spaces used to access the database?

Q9. What is share script?

Q10. What is Brayton cycle? Explain its working.

Q11. What is the DBMS SQL query to find the substring?

Q12. Explain the different signal communication systems.

Q13. How will you get the concurrent program output as email?

Q14. Default route is analogous to what?

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Q15. What are the characteristics of switch and hub?

Q16. What is the difference between 11i and R12 in oracle?

Q17. What is the basic difference between script & smart forms?

Q18. Why TCP and IP are written all together as TCP/IP?

Q19. What are the concepts of OOPS and how are they implemented in Java?

Q20. What are Entity Bean and Session Bean?

Q21. What is the major difference Session Bean and Entity Bean?

Q22. What are the ways to define classes that can be run as threads?

Q23. What are the differences between Include, Forward and sendRedirect in Servlet?

Q24. What is meant by servlet to servlet communication?

Q25. What is the need for modulation?

Q26. Difference between Container managed persistent bean & Bean managed persistent bean?

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Q27. Can BW run without a SAP R/3 implementation?

Q28. What is the difference between Array List and Vector?

Q29. What is cut over strategy?

Q30. What are the types of triggers available in Oracle Reports?

Q31. What is the latest version in reports?

Q32. What is default constructor and parameterised constructor with example?

Q33. Explain about Localization (IND & US) in Oracle Apps?

Q34. Why SAP scripts are client dependent and smart forms are not?

Q35. How will you convert an Array List to Arrays?

Q36. What are the Pre requisites for binary search?

Q37. What are the pre requisites for For all Entries?

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Q38. How many host we can add for network 172.112.0.1/20 and which is the broadcast address for the above network?

Q39. What are packet switching methods?

Q40. Can we execute one concurrent program through another concurrent program?
List the different protocols used in networking.