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Q1. Which PIC clause is used for floating point?

    a) COMP
    b) COMP1
    c) COMP2
    d) COMP3

Q2. 922 indicates

    a) DB2 resource not available
    b) record length mismatch
    c) object not found

Q3. MAPSET means:

    a) Group of defined maps
    b) Group of map fields
    c) group of maps

Q4. What is the default print format?

    a) DUMP
    b) hexadecimal
    c) binary

Q5. In case of file length mismatch between logical and physical file, the error number is:-

    a) 39
    b) 46

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c) soc7

Q6. Pick the correct format to read an ESDS file

a) organisation is sequential
b) organisation is indexed
c) organisation is sequential, record mode is FB

Q7. How do we cast a variable in COBOL?

a) Cannot be done
b) simply assign the variable to another variable

Q8. What is allowed to check in condition parameter?

a) RC
b) CC
c) ABNEDCC
d) all of the options

Q9. What are the different steps for CURSOR?

a) Declare, Open, Fetch, Close
b) Define, open, fetch, close
c) open, fetch, close

Q10. What is true about JCL?

a) It is not case sensitive

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b) The job name should start from or before column 12

c) The job name is not required

d) all

Q11. PPT is:-

a) contains transaction Id

b) contains mapset name and program name

Q12. Can one transaction invoke multiple task?

a) cannot invoke

b) invoke

c) Transaction Id cannot invoke TASK itself

Q13. Where do we define file structure and where do we declare it?

Q14. Difference between dynamic call and static call?

Q15. Explain all available PIC level.

Q16. Explain some of the control blocks.

Q17. Difference between TDQ and TSQ.

Q18. Which one is faster among TDQ and TSQ?

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Q19. What are FCT and DCT?

Q20. Relation between TDQ and DCT.

Q21. Write a program to Get the average marks from user and if

avg>=80&&avg>=100 print grade A. avg>=60&&avg<=79 print grade B,else grade C.

Q22. Write a program for the series 1,2,2,4,8,32.

Q23. What is the main use of table space and index object?

Q24. Write an abstract class with two member function NextDate and Leapyear. Nextdate to print next day and leap year to check whether the year is leap year.

Q25. Write a class stringOperation to check whether the characters entered by the user are same or not.

Q26. Write a program to count number of prime number between two numbers entered by the user.

Q27. Write a program to add all the non-diagonal elements of a 2D array.

Model HTC Global Services Interview Questions

Q28. Write a function called reverse to print the reverse of the digit entered by the user.

Q29. Write a program to implement following logic:
  1. **If the price of the book in between 100 to 500 book is Normal Book.**
  2. **If the price is between 501 and 5000 book is Costly book.**
  3. **If greater than 5000 than book is precious book.**

Q30. Write default and parameterized constructor accepting two variables.

Q31. Convert following for loop into while loop

  For (i=0; i>n; i++)
  { ....
  .....
  }

Q32. Write down the list of prime numbers less than a user defined number. i.e. if user enters 100 then list all the prime numbers less than 100.

Q33. What are the types of inheritance?

Q34. Explain method overloading.

Q35. When Operator overloading happens: at run time or at compilation time?

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