

12th Computer Shorts Questions Guess 100% Gruntee By Sir Rao Ali (All information Channel)

Part 1: Database (Short Questions)

1. Define database.
2. Define entity or object.
3. Explain the logical database design.
4. Describe redundancy.
5. Describe partial dependency.
6. List major database objects used in Access.
7. What is database object?
8. Define linking.
9. How can u minimize redundant data in a relational database?
10. What is difference between data and information?
11. What is meant by record?
12. Who is database administrator?
13. What is the difference between primary and foreign key?
14. What is the purpose of feasibility study?
15. Define an attribute. Give an example.
16. What is meant by database integrity?
17. What do you know about homonym?
18. List the major database objects in MS-Access.
19. Define data file.
20. Define DBMS.
21. What is meant by access security?
22. Define determinant.
23. What is meant by degree of relation?
24. Why is report generator used in data base system?
25. State the use of query language.
26. State the purpose of index file.
27. Define relationship with example.
28. When a relation is first normal form?
29. Describe menu bar.
30. Define filter.
31. List different types of relationship.
32. What are database anomalies?
33. State the use of wild cards.
34. Which two database objects can be used to create report?
35. List different activities in data processing.
36. Who is user or end user?
37. Define term 'Synonym.'
38. Explain normalization.
39. Describe field property.
40. Write any two advantages of form.
41. Describe program file.
42. Describe action query.
43. How is referential integrity achieved?
44. Define the term RDBMS.
45. What is columnar form?
46. Define indexed sequential files.
47. Who is database administrator? (Repeated in list)
48. Write the use of ER diagram.
49. What is database wizard?
50. Define report.

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Part 2 : C-Language (Short Questions)

1. Define assignment operator.
2. List different types of operators in C.
3. What is comment statement?
4. What is compiler?
5. What are logical errors? Give examples.
6. Differentiate between getch() and getche().
7. Differentiate between printf() and scanf() functions.
8. What are header files?
9. Describe "if-else" statement.
10. Write syntax of conditional operator.
11. Compare while and do while loops.
12. What is counter controlled loop?
13. How a function returns value?
14. Why we use parameters in functions?
15. Define logical variable.
15. Define logical variable.
16. Explain the scope of global variable.
17. Define source code. Why it cannot be executed directly?
18. What is syntax error? Give an example.
19. What do you mean by delimiters?
20. What is a variable declaration?
21. What are floating point constants?
22. What is use of decrement operator?
23. What is use of AND operator?
24. List some important functions for output.
25. What are escape sequences?
26. What do you mean by sequence structure?
27. What is "switch" statement?
28. What is control structure?
29. What is counter controlled loop?
30. What is a function?

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1. List some benefits of using functions.
2. Differentiate between source code and object code.
3. Define structured programming.
4. What is meant by debugging?
5. Define keywords.
6. What are comments?
7. Define escape sequences. (Repeated in list)
8. Define standard output.
9. Define selection structure.
10. Write the alternative of if-else statement in C.
11. State the new line marker.
12. Define infinite loop.
13. Define user defined function.
14. Define string.
15. Define stream.
16. Why does machine language program execute faster?
17. What do you mean by delimiters?
18. Write the shortcut key to run C-program.
19. Differentiate between 'area' and Area in C-language.
20. Trace out errors from the following code:

```
int x=20;  
x + 4 = x;
```
23. What is EOF marker?

```
printf ("is a \t good habit");
```
24. What is life time of variable?
25. What is formatted input and output?
26. Why C-language is known as strongly typed language?
27. Define the term range.
28. What is an expression?
29. Differentiate between syntax error and logical error.
30. Describe assignment statement.
31. What is function definition?
32. What is function call?
33. Define puts() function.
34. Describe the term machine independent.
35. What is control string in printf() function.
36. Write syntax of "goto" statement.
37. State the use of actual parameters.
38. Define local variable.
39. Describe compound assignment statement.
40. What is the use of logical OR operator?
41. Define function header.
42. How a file is closed?

Long Questions (MS-Access-Long Question)

1. Explain the four major components of data base system.
2. Explain the advantages of using MS-ACCESS IDE.
3. Define database model? Also describe its types.
4. What is table? What are two table views available in Access? How can you switch between them?
5. How the table / relation are formed in DBMS? Write down the properties in detail.
6. Explain different data types available in MS-Access.
7. Write in detail data distribution strategies.
8. Explain how to create a query in design view.
9. Define the term key. Explain different types of keys.
10. How new database is created? Explain the procedure of creating table using wizard.
11. What activities are involved in data processing? Discuss in detail.
12. Explain the uses and advantages of query in MS-Access.
13. What is normalization? Explain different forms of normalization with examples.
14. Explain different data types in MS-Access.

(C-Language-Long Question)

1. Define variable. Write down the rules for naming variables in C language with examples.
2. What is nested if? Explain it with an example.
3. Write a program that displays first five numbers with their cubes using do-while loop.
4. What is variable? Discuss the difference between declaring and initialization a variable in "C" Language.
5. What is function declaration/ function prototype? Explain in detail.
6. Write a program that inputs a number from the user and displays the factorial of that number using "do-while" loop.
7. What is data type? Explain different data types with examples.
8. Write a program that inputs three numbers from user and find the smallest in them.
9. What is "do-while" loop? Explain its working with example.
10. Describe language translator or processor and their use. Discuss different types of language processors.
11. What is for loop? Explain it with an example.
12. Write a note on printf function with examples.
13. What necessary steps are taken to prepare a c program for execution? Explain with diagram.
14. What is control structure? Briefly describe the basic control structures for writing programs.
15. Write a program that display first five numbers and their sum using while loop.
16. Write a program which prints natural number from 1 to 100.