

## Examrace

# Competitive Exams: Computers MCQs (Practice\_Test 19 of 21)

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1. We can combine dBASE power with other software systems by transferring
  - a. files to an fro dBASE
  - b. program to another program
  - c. files to an fro Database
  - d. none of the above
2. It is not possible to declare all the functions on an entity, or all of the subtypes, at the
  - a. existing data
  - b. entire database
  - c. module creation
  - d. none of the above
3. Integrity constraints are predicates which must be free for data stored in
  - a. an entity
  - b. the database
  - c. the system
  - d. none of the above
4. One of the aspects of data integrity is related to data access
  - a. on the database
  - b. the language programming
  - c. privacy problems
  - d. none of the above
5. A DBMS allows data manipulation through primitive operations which can be grouped to form

- a. database transactions
  - b. database modification
  - c. software modules
  - d. none of the above
6. The INGRES system is composed with
- a. one module
  - b. two modules
  - c. four modules
  - d. none of the above
7. QUEL is interpreted by the
- a. DBMS system
  - b. INGRES system
  - c. SQL system
  - d. none of the above
8. It is also possible to access the relational DBMS through application program written in
- a. high-level programming language
  - b. Pascal language programming
  - c. procedural language
  - d. none of the above
9. We can send dBASE reports to word processing systems for further editing or inclusion
- a. in other programs
  - b. in other documents
  - c. in other systems
  - d. none of the above
10. The top three lines in a LOTUS 1 – 2 – 3 is termed as
- a. PANEL
  - b. CONTROL PANEL
  - c. EXTENSION

- d. none of the above
11. The module scheme does not provide one of the common features of modules in programming, namely
- a. the accessing a number of shared modules
  - b. the hiding of names
  - c. and the partitioning of the same space
  - d. both B and C
12. Modules of the kind used in ADA and Module-2 allow one to declare a collection of procedures and functions that
- a. hiding the names
  - b. reference each other
  - c. partitioning of the same space
  - d. none of the above
13. The advantage of using storage system like binary relations or triples which does not keep all the function values on
- a. an entity together
  - b. entire database
  - c. existing data
  - d. none of the above
14. SQL is a relational language which has also been implemented in several
- a. DBMSs
  - b. QUEL
  - c. INGRES
  - d. none of the above
15. Several relational languages have been defined for different
- a. relational DBMS
  - b. relational DBMSs
  - c. QUEL languages
  - d. none of the above

16. Relational algebra is one of the basic concepts for defining
  - a. programming languages
  - b. relational languages
  - c. high-level programming language
  - d. none of the above
17. Using the operators of relational algebra one may manipulate and query the database in a
  - a. non-homogeneous manner
  - b. homogeneous manner
  - c. both A and B
  - d. none of the above
18. Modula-2 is an ideal language for interacting with an existing DBMS, where a suitable module
  - a. has not been provided
  - b. has been provided
  - c. both A and B
  - d. none of the above
19. Locking mechanism guarantees exclusive access to an item of data while a lock
  - a. has not been used
  - b. is in force
  - c. both A and B
  - d. none of the above
20. The ability to define such abstract objects, together with appropriate operations, is invaluable for
  - a. programming language
  - b. high-level programming language
  - c. database applications
  - d. none of the above
21. One of the most important technique for dealing with complexity in software system is the principle of

- a. programming language
  - b. abstraction
  - c. database technology
  - d. none of the above
12. The term 'software engineering' implies the application of scientific knowledge to the construction of
- a. computer software systems
  - b. computer hardware systems
  - c. high-level programming language
  - d. none of the above
13. By error we mean any deviation from the behavior stipulated by the
- a. database system
  - b. requirements analysis
  - c. incorrect data modeling
  - d. none of the above
14. By implementation we mean the transformation of our design into a database system which operates on a particular machine, usually under the control of
- a. software system
  - b. hardware system
  - c. Both
  - d. none of the above
15. Boolean variables are sometimes referred to as
- a. variables
  - b. real variables
  - c. logical variables
  - d. none of the above
16. In Pascal, decimal notation, requires that a real number contains at least one digit before and after the
- a. exponential notation

b. decimal point

c. zero

d. none of the above

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