

## Examrace

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

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1. The model which provides a concrete expression of these concepts by means of two fundamental ideas. Logical records and links, is called a
  - a. relationship model
  - b. network model
  - c. hierarchical model
  - d. none of the above
2. The network model has been established by
  - a. CODASYL committee
  - b. IBM
  - c. ECA
  - d. none of the above
3. A link may be defined as the representation of an
  - a. objects
  - b. programs
  - c. association
  - d. none of the above
4. DML is intended provide operations which operate upon data stored in the
  - a. file
  - b. record
  - c. database
  - d. none of the above
5. In the hierarchical model a hierarchical schema is defined by a tree whose nodes are
  - a. database
  - b. logical record types

- c. links
  - d. none of the above
6. The set of all values in the relations represents the contents of the
- a. database
  - b. record file
  - c. table
  - d. none of the above
7. In hierarchical data model, the database is represented by
- a. a directed graph
  - b. tree structures
  - c. relation
  - d. none of the above
8. A Database Management System (DBMS) is a software system capable of supporting and managing any number of independent
- a. results
  - b. relations
  - c. Both
  - d. none of the above
9. Support for data independence is arguably the most important feature of a
- a. system
  - b. database system
  - c. relation
  - d. none of the above
10. Distinct levels of data independence are
- a. two
  - b. three
  - c. four
  - d. none of the above
11. Database software may be divided into
- a. four distinct categories

- b. three distinct categories
  - c. two distinct categories
  - d. none of the above
12. Any large software project may be divided into several
- a. project phases
  - b. sub projects
  - c. hardware
  - d. none of the above
13. Data modeling occupies an important position in the
- a. database file
  - b. database life cycle
  - c. relation
  - d. none of the above
14. The term “software engineering” implies the application of scientific knowledge and discipline to the construction of
- a. database record
  - b. computer hardware system
  - c. computer software system
  - d. none of the above
15. Program correctness has been a strong motivation for much of the work in software engineering
- a. high-level language programming
  - b. programming language design
  - c. Pascal
  - d. none of the above