# ICS Part 2 Computer Science Chapter 4 Online Test

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | Which of the following anomalies result from a transitive dependency ? | A. Insertion<br>B. Modification<br>C. Deletion<br>D. All |
| 2 | Which of the following is a decision making statement | A. break<br>B. getch ( )<br>C. if<br>D. all |
| 3 | In relational data base, a table is also called: | A. Tuple<br>B. Relation<br>C. File<br>D. Schema |
| 4 | A relation is in third normal form if it is in second normal form and: | A. Dependent on part of the key<br>B. Dependent on the whole key<br>C. Independent of the key<br>D. Has no transitive dependencies |
| 5 | Database integrity refers to the | A. correctness of data<br>B. consistency of data<br>C. both a and b<br>D. none of these |
| 6 | Which are basic data distribution strategies? | A. Centralized<br>B. Partitioned<br>C. Replication<br>D. All |
| 7 | Any array script should be: | A. Int<br>B. Float<br>C. Double<br>D. Array |
| 8 | Storing the same information in two different ways or forms is called | A. database integrity<br>B. redundant information<br>C. homonyms<br>D. mutually exclusive data |
| 9 | We can make two way decisions with the help of | A. if<br>B. nested<br>C. if-else<br>D. all |
| 10 | The entity integrity rule states that: | A. No primary key attribute can be null<br>B. Each entity must have a primary key<br>C. Primary key must have only one attribute<br>D. None |
| 11 | The number of bytes used by 'int' data type in C are: | A. 2<br>B. 8<br>C. 12<br>D. 16 |
| 12 | In 2NF, which form of dependency is removed ? | A. associative<br>B. transitive<br>C. partial<br>D. functional |
| 13 | C was developed in the year: | A. 1970<br>B. 1972<br>C. 1976<br>D. 1995 |
| 14 | Two or more attributes with different name but same meaning create a problem: | A. Homonyms<br>B. Synonyms<br>C. Aliases<br>D. Alternate attributes |
| | | A. referential integrity |

| 15 | ------------ is a constraint on primary values that states that no attribute of a primary key should contain nulls | B. entity integrity<br>C. normalization<br>D. acronyms |
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| 16 | The columns of a table correspond to: | A. Table<br>B. Record<br>C. Field<br>D. Cell |
| 17 | In 3NF, a non key attribute must not depend on a | A. non key attribute<br>B. key attribute<br>C. composite key<br>D. sort key |
| 18 | The program structure that executes program statements in order is | A. selection<br>B. sequence<br>C. repetition<br>D. iteration |
| 19 | The 1NF describes the tabular format in which: | A. All the key attributes are defined<br>B. No repeating groups in the table<br>C. All attributes are dependent on primary key<br>D. All |
| 20 | Which can be previewed on the screen before printing? | A. Report<br>B. Form<br>C. Sub-form<br>D. None |