

## ICS Part 2 Computer Science Chapter 4 Online Test

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | The type of expression $x > y$ is   | A. arithmetic<br>B. logical<br>C. relational<br>D. conditional                                 |
| 2  | We can make two way decisions with the help of  | A. if<br>B. nested<br>C. if-else<br>D. all   |
| 3  | The operator that is used in decision making is   | A. increment operator<br>B. decrement operator<br>C. condition operator<br>D. none             |
| 4  | Which of the following is a decision making statement   | A. break<br>B. getch ( )<br>C. if<br>D. all  |
| 5  | The program structure that executes program statements in order is  | A. selection<br>B. sequence<br>C. repetition<br>D. iteration                                   |
| 6  | The value of expression in switch statement must be type of   | A. int<br>B. char<br>C. float<br>D. both a and b   |
| 7  | 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 |
| 8  | ----- is the process of converting complex data structures into simple and stable data structures           | A. database integrity<br>B. homonyms<br>C. normalization<br>D. mutually exclusive data         |
| 9  | 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        |
| 10 | ----- is a constraint on primary values that states that no attribute of a primary key should contain nulls | A. referential integrity<br>B. entity integrity<br>C. normalization<br>D. acronyms             |
| 11 | ----- is created when two different names are used for the same information                                 | A. synonyms<br>B. homonyms<br>C. mutually exclusive data<br>D. redundant information           |
| 12 | In 2NF, which form of dependency is removed ?   | A. associative<br>B. transitive<br>C. partial<br>D. functional                                 |
| 13 | 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                    |
| 14 | In 3NT which form of dependency is removed ?  | A. functional<br>B. non-functional<br>C. associative<br>D. transitive                          |