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| **P.V.P Siddhartha Institute of Technology** | **Signature of Invigilator with date:** | **Marks Obtained:** |
| **Department of Computer Science and Engineering** |
| **Course: B. Tech** | **Year: III** | **Semester: I** | **Objective: I** |
| **Regulation: PVP20** | **Maximum Marks:10Marks** | **Session: F.N** |
| **A.Y:2023-24** | **Date:29/08/23** | **Duration: 20 min** |
| **Course Code:20CS3502** | **Course Name: Database Management Systems** |
| **Register Number:** | **Name:** |
| **Answer all the Questions. Each Question carries ½ Mark 20×½ M=10M** |
| **S.No** | **Question** | **CO** | **Level** | **Answer**  |
| **1.** | **In a hierarchical model, records are organized as**  | **CO1** | **L2** |  |
| **A) Graph**  | **B) List** | **C) Links** | **D) Tree**  |
| **2.** |  **The number of entities in a relationship is called as its**  | **CO1** | **L2** |  |
| **A) Cardinality**  | **B) Degree** | **C) Tuples**  | **D) external schema.** |
| **3.** | **The collection of information stored in a database at a particular moment is called as** | **CO1** | **L2** |  |
| **A) Schema** | **B) instance** | **C) Data domain** | **D) Entity**  |
| **4.** | **DBMS is a collection of …. that enables user to create and maintain a database** | **CO1** | **L2** |  |
| **A) Keys** | **B) Translators** | **C) Program** | **D) Language Activity** |
| **5.** | **An on-line commercial site such as Amazon.com is an example of a** | **CO1** | **L2** |  |
| **A) single-user database application** | **B) multiuser database application** | **C) e-commerce database application**  | **D) data mining database application** |
| **6.** | **User views are included as part of which schema?**  | **CO1** | **L2** |  |
| **A) Internal** | **B) Conceptual** | **C) External** | **D) None** |
| **7.** | **Which of the following is a not a Data Model?** | **CO1** | **L2** |  |
| **A) Entity-Relationship model** | **B) Relational model** | **C) Network model** | **D) Waterfall model** |
| **8.** | **The three-schema architecture components include all, but not:** | **CO1** | **L2** |  |
| **A) internal schema** | **B) conceptual schema.**  | **C) program schema** | **D External Schema** |
| **9.** | **The attribute Address could be structured as a attribute consisting of DoorNo,StreetNo,StreetName . This type of attribute is called** | **CO1** | **L2** |  |
| **A) Simple attribute** | **B) Composite attribute** | **C) Multivalued attribute** | **D) Derived attribute** |
| **10.** | **Which of the following can be a derived attribute?** | **CO1** | **L2** |  |
| **A) Phone \_number** | **B) Name** | **C) Age** | **D) All of the mentioned** |
| **11.** | **Which of the following indicates the maximum number of entities that can be involved in a relationship?** | **CO1** | **L2** |  |
| **A) cardinality ratio** | **B) participation constraint** | **C) ERD** | **D) Entity Count** |
| **12.** |  **An entity set whose existence is dependent on some other entity set is known as** | **CO1** | **L2** |  |
| **A) Strong entity** **set** | **B) Variant set** | **C) Weak entity set** | **D) Variable set**  |
| **13.** | **Course(course\_id, sec\_id, semester)****Here the course\_id, sec\_id and semester are \_\_\_ and course is a \_\_\_**  | **CO1** | **L2** |  |
| **A) Relations, Attribute** | **B) Attributes, Relation** | **C) Tuple, Relation** | **D) Tuple, Attributes** |
| **14.** | **\_\_\_\_\_\_\_\_\_\_\_ constraint is used to disallow duplicates** | **CO1** | **L2** |  |
| **A) Foreign key** | **B) Primary key** | **C)Check** | **D) Not null** |
| **15.** | **………. command can be used to modify a column in a table** | **CO1** | **L2** |  |
| **A) ALTER** | **B) UPDATE** | **C) SET** | **D) CREATE** |
| **16.** | **To display rows in the table in a particular order ……………… is used** | **CO1** | **L2** |  |
| **A) NO DUPLICATE** | **B) ORDER BY** | **C) DISTINCT** | **D) DELETE** |
| **17.** | **\_\_\_\_\_\_\_\_\_\_\_\_ is preferred method for enforcing data integrity** | **CO1** | **L2** |  |
| **A) Constraints** | **B) Stored Procedure** | **C) Triggers** | **D) Cursors** |
| **18.** | **For each attribute of a relation, there is a set of permitted values, called the \_\_\_\_\_\_\_\_ of that attribute.** | **CO1** | **L2** |  |
| **A) Domain** | **B) Relation** | **C) Set** | **D) Schema** |
| **19.** | **Which one of the following is used to define the structure of the relation, deleting relations and relating schemas?**  | **CO1** | **L2** |  |
| **A) DML** | **B) DDL** | **C) Query** | **D) Relational Schema** |
| **20.** | **DEPT (DeptNo, Name, Location, ManagerId) In this table which column form the primary key?** | **CO1** | **L2** |  |
| **A) Name** | **B) DeptNo** | **C) Location** | **D) ManagerId** |