OBJECTIVES (MCQ'S) OF CHAPTER-2 IN ALL PUNJAB BOARDS 2011-2021

1. A relation is also known as: (6 Times)
(A) table   (B) tuple   (C) relationship   (D) field

2. A table must have: (7 Times)
(A) primary key   (B) secondary key   (C) composite key   (D) sort key

3. A relation is analogous to a :
(A) row   (B) field   (C) record   (D) file

4. Which of the following is not included in the definition of entity:
(A) person   (B) object   (C) concept   (D) action

5. No. of primary keys can exist in a table:
(A) one   (B) two   (C) three   (D) four

6. Which of the following key does not hold uniqueness property?
(A) candidate key   (B) foreign key   (C) primary key   (D) secondary key

7. Which one of the following is used to associate entities with each other?
(A) attribute   (B) relationship   (C) entities   (D) cardinals

8. Foreign key is found in: (2 Times)
(A) parent table   (B) dependent table   (C) pivot table   (D) index table

9. The selected candidate key is called:
(A) primary key   (B) foreign key   (C) super key   (D) composite key

10. DBA stands for :
(A) Database Administrator   (B) Data basic Administration
(C) Database Application   (D) Database authority

11. A two-dimensional table of data is called:
(A) Group   (B) Set   (C) Declaration   (D) Relation

12. A key is :
(A) A field that identifies only one record   (B) The most important field in a record
(C) The first field of table   (D) None

13. Which of the following is NOT a good primary key:
(A) Social security number   (B) Order number (C) Zip code   (D) Student ID number

14. Which field listed below is the most appropriate primary key:
(A) A person's name   (B) A person's street address
(C) A person's birth date   (D) A salesperson's region

15. One field or combination of fields for which more than one record may have the same combination of values is called?
(A) Secondary key   (B) Index   (C) Composite key   (D) Linked key

16. An attribute in a relation of a database that serves as the primary key of another relation in the same database is called a?
(A) Global key   (B) Link key   (C) Foreign key   (D) None

17. Which of the following is also known as control key: (2 times)
(A) Secondary key   (B) candidate key   (C) Composite key   (D) Primary key

2017

18. The process of arranging data in a logical sequence is called: (2times)
(a) Sorting   (b) Summarizing   (c) Capturing   (d) Classifying

19. Which object is used to store data in database: (2 times)
(a) Macro   (b) Table   (c) Form   (d) Report

20.   A primary key that consists of more than one attributes is called:
(a) Secondary key (b) foreign key   (c) composite key   (d) sort key
21.   The columns of a relation correspond to:-   **(3 times)**
(a) Table   (b) Record   (c) Field   (d) cell
22.   _____ is unique:
(a) primary key   (b) Candidate key   (c) Foreign key   (d) Secondary key

2019

23.   Which of the following can be a primary key?
(a)   Last name   (b) Salary   (c) Customer ID   (d) Region
24.   A virtual table that is constructed from other tables is called:
(a)   view   (b) Table   (c) Relation   (d) Tuple

ANSWERS

1	2	3	4	5	6	7	8	9	10	11	12	13
A	A	D	D	A	D	B	B	A	A	D	D	C
14	15	16	17	18	19	20	21	22	23	24		
D	C	C	C	A	B	C	C	A	C	A		

SHORT QUESTIONS OF CHAPTER-2
IN ALL PUNJAB BOARDS 2011-2019

1.   **Define Foreign key.**   **(2 times)**
Ans: A foreign key is an attribute or set of attributes in a relation whose values match a primary key in another relation. The relation in which foreign key is created is known as dependent table or child table. While other table is called parent table.

2.   **Who is Data Administrator?**   **(6 Times)**
Ans: A data administrator is a person who is responsible for entire data of an organization. He normally develops the overall functional requirements for the database being used in the office. He controls and manages the whole data of database system.

3.   **What is the purpose of using views?**   **(3 Times)**
Ans: A view is also known as virtual table. The basic purpose of using views is to keep data safe and secure from unauthorized and illegal users. A view can also display records from multiple tables. The views provide more flexibility and security in displaying data. It also displays data according to specific format.

4.   **What is the difference between Primary key and foreign key?**
Ans: Primary key is an attribute or set of attributes that uniquely identifies record in a table. Foreign key is attribute or a set of attributes whose values match with primary key in another relation.

5.   **Define the term relation.**
Ans: A relation is used to store information about an entity. It is another name of a table. It consists of rows and columns. It is defined as:
        Student(name,roll_no,marks,average)
        Student is name of relation/table. While name, marks average are the fields or columns of the table.

6.   **Define entity.**   **(3 times)**
Ans: An entity is anything about which you want to keep information in the database. The entity must have a unique identifier. The identifier is composed of one or more attributes.