

NAAHAR PUBLIC SCHOOL (CBSE) SENIOR SECONDARY, VILLUPURAM
ACADEMIC YEAR (2022-2023)
SLIP TEST – 3

CLASS: XI
SUB: INFORMATICS PRACTICES (065)
SUB TEACHER: Mrs.DHIVYA.N

MARKS: 25
DUR: 40Mins
DATE:28.10.2022

I. MCQ

20 * ½ = 10

1. Which of the following constraint ignores NULL value?
a. UNIQUE b. FOREIGN c. CHECK d. All of above
2. Which is the correct difference between Primary key and Foreign key?
a. A table can have multiple primary key and single foreign key
b. A primary key cannot ignore NULL value but Foreign key can
c. A Primary key can have duplicate data but foreign key does not
d. None of the above
3. Which of the following refers to the number of attributes in a relation?
a. Degree b. Row c. Column d. All of the above
4. Consider attributes ID, CITY and NAME. Which one of this can be considered as a primary key?
a. NAME b. ID c. CITY d. CITY, ID
5. Which of the following is considered as DBMS ?
a. Access b. Oracle c. SQL Server d. All of these
6. What will be cardinality and degree for given table 'coach'?

Coachid	Coachname	Age	Sport	Dateofapp	Pay	Gender
1	Karan	35	Karate	27/03/19	10000	M
2	Ravina	34	Karate	20/01/20	12000	F
3	Kamal	34	Squash	19/02/20	20000	M
4	Tarun	33	Basketball	01/01/20	15000	M
5	Sumeru	36	Swimming	12/01/20	7500	M
6	Anjani	36	Swimming	24/02/20	8000	F
7	Shamima	37	Squash	20/02/20	22000	F
8	Soumya	30	Karate	22/02/20	11000	F

- a. cardinality = 7, degree = 8 b. cardinality = 9, degree = 8
c. cardinality = 7, degree = 56 d. cardinality = 8, degree = 7
7. A database management system is a _____ type of software
a. System software b. Application software
c. General software d. Both (a) and (c)
8. The term 'Data' refers to
a. The electronic presentation of the information b. Basic information
c. Raw facts and figures d. Both (a) and (c)
9. In a relation, which of the following refers to the term 'attribute'?
a. Entity b. Row c. Column d. Both (b) and (c)
10. Which of the following refers to the number of tuples on a relation?
a. Entity b. Column c. Cardinality d. None of the above
11. _____ is used to represent the relationship between tables
a. Primary key b. Foreign key c. Unique key d. Candidate key
12. Storing records using DBMS helps in
a. Eliminates Data Redundancy b. Maintain data consistency
c. Controlled data sharing d. All of the above
13. I
ensure every tuple is unique in relation
can be applied to only one attribute in a relation
can not accept NULL values
who am I?
a. Primary key b. Unique key c. Foreign key d. Candidate key

14. Restriction on the type of data that can be inserted into the table is
 - a. Database Schema
 - b. Database Instance
 - c. Database Constraint
 - d. Database Key
15. An organization wants to create a database CUSTOMER-SALE to maintain following details about its items and their sale.
 CUSTOMER(Ccode, Cname, Cadd)
 SALE(SaleID, Ccode, Total)
 Name the attributes of CUSTOMER which can be candidate key
 - a. Ccode, Cname
 - b. Ccode, Cadd
 - c. Cname, Cadd
 - d. Ccode
16. Write SQL command to display name of all employees containing 'aa' as a substring in name.
 - a. Select name from employee where name like 'aa%';
 - b. Select name from employee where name like 'aa%' ;
 - c. Select name from employee where name like '%aa%' ;
 - d. Select name from employee where name like '_aa';
17. The default date format followed in SQL is
 - a. Dd/mm/yyyy
 - b. Mm/dd/yyyy
 - c. Yyyy/dd/mm
 - d. Yyyy/mm/dd
18. SELECT UPPER(SUBSTR('Computer System', 3, 6));
 Gives the output as:
 - a. MPU
 - b. MPUT
 - c. MPUTER
 - d. PUT
19. Which command is used to add columns to an existing table?
 - A. Desc
 - B. Alter table
 - C. Drop table
 - D. Create table
20. A new Database is created by ?
 - A. Use database command
 - B. Create table command
 - C. Create database command
 - D. Create store command

II. Short answers (Any 5)

5 * 2 =10

21. What is the purpose of using MySQL?
22. What is a database system? What is its need?
23. How foreign key command is different from Primary Key command?
24. How to view the structures of the table made by you?
25. Differentiate between DDL and DML commands.
26. Differentiate between CHAR and VARCHAR Datatypes.
27. Differentiate between the following commands:
 - a) ALTER and UPDATE
 - b) DELETE and DROP

III. Long answer

1*5=5

28. Suppose your school management has decided to conduct cricket matches between students of class XI and Class XII. Students of each class are asked to join any one of the four teams — Team Titan, Team Rockers, Team Magnet and Team Hurricane. During summer vacations, various matches will be conducted between these teams. Help your sports teacher to do the following:

- a) Create a database "Sports".
- b) Create a table "TEAM" with following considerations:
 - i) It should have a column TeamID for storing an integer value between 1 to 9, which refers to unique identification of a team.
 - ii) Each TeamID should have its associated name (TeamName), which should be a string of length not less than 10 characters.
- c) Using table level constraint, make TeamID as primary key.
- d) Show the structure of the table TEAM using SQL command.
- e) As per the preferences of the students four teams were formed as given below. Insert these four rows in TEAM table:
 - Row 1: (1, Team Titan)
 - Row 2: (2, Team Rockers)
 - Row 3: (3, Team Magnet)
 - Row 4: (4, Team Hurricane)

Show the contents of the table TEAM.