

1. Name

Annie

Bob

Callie

Derek

Which of these query will display the the table given above ?

a) Select employee from name

b) Select name

c) Select name from employee

d) Select employee

2. Here which of the following displays the unique values of the column?

```
SELECT _____ dept_name
```

```
FROM instructor;
```

a) All

b) From

c) Distinct

d) Name

3. The _____ clause allows us to select only those rows in the result relation of the _____ clause that satisfy a specified predicate.

a) Where, from

b) From, select

c) Select, from

d) From, where

4. The query given below will not give an error. Which one of the following has to be replaced to get the desired output?

```
SELECT ID, name, dept name, salary * 1.1
```

```
WHERE instructor;
```

a) Salary*1.1

b) ID

c) Where

d) Instructor

5. The _____ clause is used to list the attributes desired in the result of a query.

a) Where

b) Select

c) From

d) Distinct

6. This Query can be replaced by which one of the following?

```
SELECT name, course_id
```

```
FROM instructor, teaches
```

```
WHERE instructor_ID= teaches_ID;
```

a) Select name, course_id from teaches, instructor where instructor_id=course_id;

b) Select name, course_id from instructor natural join teaches;

c) Select name, course_id from instructor;

d) Select course_id from instructor join teaches;

7. SELECT * FROM employee WHERE salary>10000 AND dept_id=101;

Which of the following fields are displayed as output?

- a) Salary, dept_id
- b) Employee
- c) Salary
- d) All the field of employee relation

8. Employee_id Name Salary
1001 Annie 6000
1009 Ross 4500
1018 Zeith 7000

This is Employee table.

Which of the following employee_id will be displayed for the given query?

SELECT * FROM employee WHERE employee_id>1009;

- a) 1009, 1001, 1018
- b) 1009, 1018
- c) 1001
- d) 1018

9. Which of the following statements contains an error?

- a) Select * from emp where empid = 10003;
- b) Select empid from emp where empid = 10006;
- c) Select empid from emp;
- d) Select empid where empid = 1009 and lastname = 'GELLER';

10. In the given query which of the keyword has to be inserted?

INSERT INTO employee _____ (1002,Joey,2000);

- a) Table
- b) Values
- c) Relation
- d) Field

11. A _____ indicates an absent value that may exist but be unknown or that may not exist at all.

- a) Empty tuple
- b) New value
- c) Null value
- d) Old value

12. If the attribute phone number is included in the relation all the values need not be entered into the phone number column. This type of entry is given as

- a) 0
- b) -
- c) Null
- d) Empty space

13. The predicate in a where clause can involve Boolean operations such as and. The result of true and unknown is _____ false and unknown is _____ while unknown and unknown is _____

- a) Unknown, unknown, false
- b) True, false, unknown
- c) True, unknown, unknown
- d) Unknown, false, unknown

14. SELECT name
FROM instructor
WHERE salary IS NOT NULL;
Selects

- a) Tuples with null value
- b) Tuples with no null values
- c) Tuples with any salary
- d) All of the mentioned

15. In an employee table to include the attributes whose value always have some value which of the following constraint must be used?

- a) Null
- b) Not null
- c) Unique
- d) Distinct

16. Using the _____ clause retains only one copy of such identical tuples.

- a) Null
- b) Unique
- c) Not null
- d) Distinct

17.

```
CREATE TABLE employee (id INTEGER,name VARCHAR(20),salary NOT NULL);  
INSERT INTO employee VALUES (1005,Rach,0);  
INSERT INTO employee VALUES (1007,Ross, );  
INSERT INTO employee VALUES (1002,Joey,335);  
Some of these insert statements will produce an error. Identify the statement.
```

- a) Insert into employee values (1005,Rach,0);
- b) Insert into employee values (1002,Joey,335);
- c) Insert into employee values (1007,Ross,);
- d) None of the mentioned

18. The primary key must be

- a) Unique
- b) Not null
- c) Both Unique and Not null
- d) Either Unique or Not null

19. You attempt to query the database with this command:

```
SELECT nvl (100 / quantity, NONE)  
FROM inventory;
```

Why does this statement cause an error when QUANTITY values are null?

- a) The expression attempts to divide by a null value
- b) The data types in the conversion function are incompatible
- c) The character string none should be enclosed in single quotes (' ')
- d) A null value used in an expression cannot be converted to an actual value

20. The result of _____ unknown is unknown.

- a) Xor

- b) Or
- c) And
- d) Not.

21. Which Statement is used to insert the values in the table?

- a) INSERT INTO
- b) Insert
- c) INSERT
- d) None of the mentioned

22. Is it necessary to insert the value in each column of the table?

- a) Yes
- b) No
- c) Depends on the server
- d) Depends on the usage of the table

23. In the following SQL query, what does "person" stands for?

```
INSERT INTO person
(person_id, fname, lname)
VALUES (1,'S','P');
```

- a) Composite attributes
- b) Multivalued attributes
- c) Table name
- d) None of the mentioned

24. In the following SQL query, what does "person_id" stands for?

```
CREATE TABLE person
(person_id SMALLINT UNSIGNED,
fname VARCHAR(20),
lname VARCHAR(20),
CONSTRAINT pk_person PRIMARY KEY (person_id));
```

- a) Normal attribute of the table
- b) Super key
- c) Composite key
- d) Primary key

25. Which statement can be used for modifying the definition for an existing table?

- a) ALTER
- b) Modified
- c) SELECT
- d) FROM

26. Which feature is used for the automatic increment of the column?

- a) AUTO_INCREMENT
- b) AUTO
- c) INCREMENT
- d) All of the mentioned

27. Which among the following is the correct syntax for modifying the definition of an existing table?

- a) ALTER TABLE person MODIFY person_id int;
- b) ALTER TABLE person person_id SMALLINT UNSIGNED AUTO_INCREMENT;
- c) ALTER TABLE person MODIFY person_id ;
- d) ALTER TABLE person

28. Will the following SQL command produce any error?

```
INSERT INTO person
(person_id, fname,lname)
VALUES (1,'S','U'),
VALUES (1,'T','U');
/* where person_id is a primary key */
```

- a) Error
- b) No Error
- c) Depends
- d) None of the mentioned

29. Will the following SQL command produce any error?

```
INSERT INTO person
(person_id, fname,lname)
VALUES (1,'S','U'),
VALUES (2,'T','U');
/* where person_id is a primary key */
```

- a) Error
- b) No Error
- c) Depends
- d) None of the mentioned

30. What is the default value of column?

- a) NULL
- b) 0
- c) -1
- d) Undefined

31. Which among the following is the correct syntax for creating table?

- a) CREATE TABLE name;
- b) CREATE name;
- c) CREATE TABLE
- d) All of the mentioned

32. What is the role of "CONSTRAINTS" in defining a table in Mysql?

- a) Declaring primary key
- b) Declaring Foreign Key
- c) Restrictions on columns
- d) All of the mentioned

33. Which command is used for the table definition in Mysql?

- a) DESC table_name;

- b) DESC table_name
- c) DESC
- d) None of the mentioned

34. Which among the following is the correct syntax for defining "Constraint Check" in Mysql?

- a) gender char(1) check(gender IN ('M', 'F')),
- b) gender char (1) check,
- c) gender char (1) check (gender),
- d) none of the mentioned

35. Find out the logical error in the following query?

```
CREATE TABLE person
( person_id VARCHAR(20),
  Name VARCHAR (20),
  Address VARCHAR (20),
  Mobile_no  SMALLINT
);
```

- a) Lesser number of columns
- b) Incorrect definition
- c) Primary key is missing
- d) None of the mentioned

36. What is meaning of "REFERENCES" in table definition?

- a) Primary key
- b) NULL
- c) Foreign Key
- d) A "foreign Key" belong to this particular table

37. Which statement is used to select columns and rows from the table?

- a) SELECT
- b) ALTER
- c) MODIFY
- d) FROM

38. In the following SQL command "person" stands for?

```
SELECT person_id, fname, lname, Birth_date
FROM person;
```

- a) Table name
- b) Attribute
- c) Multivalued attribute
- d) None of the mentioned

39. In the following SQL command "*" stands for?

```
SELECT * FROM person;
```

- a) Retrieve all data from the table
- b) Retrieve data of primary key only
- c) Retrieve NULL data
- d) None of the mentioned

40. Which Clause is used to select a particular row from the set of row in an existing table?

- a) WHERE
- b) FROM
- c) ALTER
- d) None of the mentioned

41. In the following SQL command "person_id" can be _____

```
SELECT person_id, fname,l name, Birth_data FROM person  
WHERE person_id=1;
```

- a) Only Primary Key
- b) Primary Key or any other Attribute
- c) Only Attribute but not a primary Key
- d) None of the mentioned

42. Which Clause is used to sort the stored data in alphabetical order?

- a) ORDER by CLAUSE
- b) MODIFY
- c) ALTER
- d) UPDATE

View Answer

43. Which Clause is used to select a particular table in Mysql?

- a) WHERE
- b) SELECT
- c) FROM
- d) ALTER