

## Sheikh Sajib

**01.Which the following statement is TRUE?**

- JavaScript is a compiled language
- JavaScript is an interpreted language
- Both compile and interpreted language
- None

**The EMPLOYEES table has these columns:**

**LAST\_NAME VARCHAR2 (35)**

**SALARY NUMBER (8, 2)**

**COMMISSION\_PCT NUMBER (5, 2)**

**02.You want to display the name and annual salary multiplied by the commission\_pct for all employees. For records that have a NULL commission\_pct, a zero must be displayed against the calculated column. Which SQL statement displays the desired results?**

SELECT last\_name, (salary\*12)\* commission\_Pct FROM EMPLOYEES;

SELECT last\_name, (salary\*12)\* IFNULL(commission\_pct,0) FROM EMPLOYEES;

SELECT last\_name, (salary\*12)\* NVL2(commission\_pct,0) FROM EMPLOYEES;

SELECT last\_name, (salary\*12)\* NVL(commission\_pct,0) FROM EMPLOYEES;

**03.How do you round the number 8.25, to the nearest integer?**

- round(8.25)
- math.rnd(8.25)
- rnd(8.25)
- math.round(8.25)

**04.Which is an /SQL\*Plus command?**

INSERT

UPDATE

SELECT

DESCRIBE

**05.Which are types of Case Manipulation functions available in SQL?**

LOWER

INTEGER

numeric

None

**06.How many times the text IDB-BISEW will be printed?**

```
var i=3;  
do{  
document.write(IDB-BISEW  
);  
i+=3;  
}while(i<10);
```

2 times

3 times

4 times

5 times

**07.What type of language javascript is?**

strongly

weakly

both a and b

none

**08.Which statement produces the number of different departments that have employees with last name Smith?**

SELECT COUNT(\*) FROM employees WHERE last\_name='Smith';

SELECT COUNT (dept\_id) FROM employees WHERE last\_name='Smith';

SELECT DISTINCT(COUNT(dept\_id)) FROM employees WHERE last\_name='Smith';

SELECT COUNT(DISTINCT dept\_id) FROM employees WHERE last\_name='Smith';

SELECT UNIQUE(dept\_id) FROM employees WHERE last\_name='Smith';

**09.To open an additional window which is the possible syntax?**

window.open

self.open

window.open()

addition.open

**10.What do you mean by Scripting language ?**

Assembly Level programming language

Machine level programming language

High Level Programming language

**11.Which statement is true regarding the ORDER BY clause?**

The sort is in ascending order by default

The sort is in descending order by default

The ORDER BY clause must precede the WHERE clause.

The ORDER BY clause is executed on the client side

**12. Which clause should you use to exclude group results?**

WHERE

HAVING

RESTRICT

GROUP BY

ORDER BY

**13. Which / SQL\* Plus feature can be used to replace values in the where clause?**

Substitution variables

replacement variables

prompt variables

instead-of variables

**14. var a=2;**

**switch(a)**

**{**

**case 1:**

**document.write( "Ball" );**

**break;**

**case 2:**

**document.write( "Bat" );**

**break;**

**case 3:**

**document.write( "Wicket" );**

**break;**

**default:**

`document.write(“out of range” );`

Ball

Bat

out of range

none

**15.Evaluate this SQL statement:**

**SELECT \***

**FROM PRODUCTS**

**ORDER BY price, product\_name;**

**What is true about the SQL statement?**

The results are not sorted.

The results are sorted numerically.

The results are sorted alphabetically.

The results are sorted numerically and then alphabetically.

**16.How does a FOR loop start?**

for (i = 0; i <= 5)

for (i = 0; i <= 5; i++)

for i = 1 to 5

for (i <= 5; i++)

**17.To specify a image on the same folder, which of is right syntax**

`document.image[0].src=abc.jpg`

`document.images[0].src=abc.gif`

document.images[0].src=abc.gif

document.image=abc.jpg

**18.Which SELECT statement should you use to extract the year from the system date and display it in the format "1998"?**

SELECT TO\_CHAR(SYSDATE, 'yyyy') FROM dual;

SELECT TO\_DATE(SYSDATE, 'yyyy') FROM dual;

SELECT DECODE(SUBSTR(SYSDATE, 8), 'YYYY') FROM dual;

SELECT TO\_CHAR(SUBSTR(SYSDATE, 8,2),'yyyy') FROM dual;

**19.What property would you use to redirect a visitor to another page?**

document.URL

window.location.href

document.location.href

link.href

**20.Identify the correct syntax from the followings?**

document.window.formName.elementName.value

window.document.formName.elementName.value

win.document.formName.elementName.value

window.doc.formName.elementName.value.

**21.To go to the next page, which of the following is right syntax?**

window.history.forward()

window.history.back()

window.history.go(-1)

**22.Which of the following method is used to find out the character at a position in a string?**

CharacterAt()

CharPos()

tocharAt()

charAt()

**23.Which of the following statement is correct to extract or set a cookie?**

document.cookie

doct.cookie

object.cookies

**24.What is the position of GROUP BY clause in a SELECT statement with a WHERE clause?**

Immediately after the SELECT clause

Before the WHERE clause

After the ORDER BY clause

After the WHERE clause

**25.What is mean by "this" keyword in javascript?**

It refers previous object

It is variable which contains value

It refers current object

None of the above

## Another 12Q From S. M. Istiaque

**01. Which of the following method is used to take user data?**

- a. alert
- b. prompt**
- c. take
- d. getdata

**02 . What is the value of typeof(NaN)?**

- a. Number**
- b. String
- c. Null
- d. Error

**03. If  $x = 16$  &  $y = 3$  then  $x \% y$  , 'What is the value of x after executing  $x \% y$ ?**

- a. 5
- b. 3
- c. 1**

**05. Do you think that JavaScript is case insensitive?**

- a. True
- b. False**
- c. None

**06. Choose the correct answers**

`var a=4;`

`document.write(a++ );`



document.write(++a);

document.write(--a);

document.write(a--);

a. 5654

b. 4655

c. 4554

**07. Which two expressions provide the use of IF-THEN-ELSE logic in SQL?**

a. character

b. CASE

c. DECODE

d. NULLIF

e. B&C

**08. Consider the description of the EMPLOYEES table:**

EMP\_ID NUMBER (4) NOT NULL,

LAST\_NAME VARCHAR2 (30) NOT NULL,

FIRST\_NAME VARCHAR2 (30),

DEPT\_ID NUMBER (2),

JOB\_CAT VARCHAR2(30),

SALARY NUMBER (8,2);

Which statement shows the maximum salary paid in each job category of each department?

a. SELECT dept\_id; job\_cat, MAX (salary) FROM employees "WHERE salary > MAX(salary);

b. SELECT dept\_id, job\_cat, MAX(salary) FROM employees GROUP BY dept\_id, job\_cat;

c. SELECT dept\_id, job\_cat, MAX(salary) FROM employees;

- d. `SELECT dept_id, job_cat, MAX(salary) FROM employees GROUP BY dept_id;`
- e. `SELECT dept_id, job_cat, MAX(salary) FROM employees GROUP BY dept_id, job_cat, salary;`

**09. How to assign a function to a variable With the JavaScript Function constructor?**

- a. `var f=Function("x","y","return x+y");`
- b. `var f=Function(x,y){ return x+y;}`
- c. `var f= new Function("x", "y", "return x + y");`
- d. None

**10. Which two statements are true about WHERE and HAVING clauses?**

- a. WHERE clause can be used to restrict both rows and groups.
  - b. WHERE clause can be used to restrict rows only.
  - c. A HAVING clause can be used to restrict both rows and groups.
  - d. A HAVING clause can be used to restrict groups only.
- e. B&D

**11. Maximum height of screen is defined by which screen property?**

- a. `screen.availHeight`
- b. `screen.Height`
- c. `screen.maxHeight`
- d. both a and c

**12. All functions are properties of objects.**

**a. True**

b. False

## Get Another 14 Q From Ehsan Habib

1. `r=(45%2 ==0)? "A" : "B";`

`document. write(r);`

What is the output?

- a. A
- b. B**
- c. Error
- d. none of e above

2. You need to calculate the total of all salaries in the accounting department. It which group function should you use.

- a. MAX
- b. MIN
- c. SUM**
- d. COUNT

3. You need to display the last name of those employees who have the second character in their names. Which SQL statements displays required results?

- a. SELECT last\_name FROM EMP WHERE last\_name LIKE '\_A%';**
- b. SELECT last\_name FROM EMP WHERE last\_name -\*A%
- c. SELECT last\_name FROM EMP WHERE last\_name -\*\_A%;
- d. SELECT last\_name FROM EMP WHERE last\_name LIKE \* a%

4. A javascript question (ignored) – pop().....

**5. You, want to create a report displaying employee last names, department names, and locations. Which query should you use to create an equi-join?**

- a. `SELECT last_name, department_name, location_id  
FROM employees, departments;`
- b. `SELECT employees.last_name, departments.department_name,  
departments.location_id  
FROM employees e, departments D  
WHERE e.department_id =d.department_id;`
- c. `SELECT e.last_name, d.department_name, d.location_id  
FROM employees e, departments  
WHERE manager_id =manager_id;`
- d. `SELECT e.last_name, d.department_name, d.location_id  
FROM employees e, departments  
WHERE e.department_id =d.department_id;`

**9. Which of the following are the categories of event?**

- a. Keyboard and mouse events
- b. Load events
- c. form-related events
- d. All of the above

**7. How do you find the number with the highest value of x and y?**

- a. `top (x, y)`
- b. `Math.max (x, y)`
- c. `ceil (x, y)`
- d. `Math.ceil (x,y)`

**8. The EMPLOYEES table has these columns:**

LAST\_NAME VARCHAR2 (35)

SALARY NUMER (8, 2)

COMMISSION\_PCT NUMBER (5,2)

You want to display the name and annual salary multiplied by the commission\_pct for all employees.

For records that have a NULL commission\_pct, a zero

must be displayed against the calculated column. Which SQL statement displays the desired results?

- a. `SELECT last_name, (salary*12 )* commission_Pct FROM EMPLOYEES;`
- b. `SELECT last_name, (salary*12)*IFNULL( commission_pct,0) FROM  
EMPLOYEES;`

- c. `SELECT last_name, (salary*12)*NVL2 (commission_pct,0) FROM EMPLOYEES;`
- d. `SELECT last_name, (salary*12)*NVL(commission_pct,0) FROM EMPLOYEES;`

```
9. var i=7;
while(true)
{
document.write("Bogra");
break;
}
```

what is the result?

- a. Error
- b. Infinite loop
- c. Print Bogra only once
- d. None

**10. Javascript support which of the following operators?**

- a. unary
- b. binary
- c. ternary
- d. all of the above

**12. '===' operator is used for which purpose?**

- a. Equality of value
- b. Equality of type
- c. Both a and b are true
- d. None of the above

**13. For which tasks would you use the where clause?**

- a. Display only unique data.
- b. Designate a table location.
- c. Restrict the rows displayed.

**14. Which/ SQL \* Plus feature can be used to replace values in the where clause?**

- a. Substitution variables
- b. re-placement variables

- c. prompt variables
- d. instead-of variables

## Q From Arefin

### 1. Given:

```
var w=open("", "ralph", "scrollbars=0, width=200, height=100, resizable=no")
```

```
var t=w.document;
```

Which of the followings is correct considering the above statements?

w.write("œ");

doc.write("™");

s.write("™");

t.write("™");

3.You need to calculate the total of all salaries in the accounting department.

Which group function should you use?

MAX

MIN

SUM

COUNT

3.text = "Cricket is our proud";

document.write(text.substring(4,7))

What will be the result ?

Null value

g

ket

Empty String



**4.How do you create a new object in JavaScript?**

var obj = {};

var obj = Object();

var obj=new Object();

None

**5.Given:**

var x=25

var bangs=""

do {

bangs=bangs+"Bangladesh"+"

";

x++

} while (x>10)

document.write(bangs);

**Which one from the followings is correct when execute above script?**

â€™Bangladeshâ€™™ will be displayed once

â€™Bangladeshâ€™™ will be displayed twice

“Bangladesh” will be displayed unlimited times

None of the above

**6.You need to produce output that states "Dear Customer customer\_name". The customer\_name data values come from the CUSTOMER\_NAME column in the CUSTOMERS table. Which statement produces this output?**

SELECT dear customer, customer\_name, FROM customers;

SELECT "Dear Customer", customer\_name || ',' FROM customers;

SELECT 'Dear Customer ' || customer\_name ',' FROM customers;

```
SELECT 'Dear Customer ' || customer_name || ', ' FROM customers;
```

```
SELECT "Dear Customer " || customer_name || ", " FROM customers;
```

**7.Which of the following are the categories of event?**

Keyboard and mouse events

Load events

Form-related events

All of the above

**8.Which type of functions accepts one or more arguments but returns one value for each row returned by the query?**

single-row

all functions return one value per row

subquery

multiple-row

**9.Evaluate this SQL statement:**

```
SELECT ename, sal, 12*sal+100 FROM EMP;
```

**The SAL column stores the monthly salary of the employee. Which change must be made to the above syntax to calculate the annual compensation as "monthly salary plus a monthly bonus of \$100, multiplied by 12"?**

No change is required to achieve the desired results.

```
SELECT ename, sal, 12*(sal+100) FROM emp;
```

```
SELECT ename, sal, (12*sal)+100 FROM emp;
```

```
SELECT ename, sal+100,*12 FROM emp;
```

**10.If x=16 & y=3 then x%=y , what is the value of x after executing x%=y?**

5

3

1

**11.Choose appropriate functionality of pop() function of Array object from the following?**

it removes and returns first element of an array

it puts element in last index in an array

it removes and returns last element of an array

all of the above are correct

**12.How can you use multiline comment in javascript ?**

#

!

!-- -

/\* \*/

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B.SELECT dept\_id, job\_cat, MAX(salary) FROM employees GROUP BY dept\_id, job\_cat;

C.SELECT dept\_id, job\_cat, MAX(salary) FROM employees;

D.SELECT dept\_id, job\_cat, MAX(salary) FROM employees GROUP BY dept\_id;

E.SELECT dept\_id, job\_cat, MAX(salary) FROM employees GROUP BY dept\_id, job\_cat, salary;

## TajNur Q Bank

1. Group functions work on many rows to produce one result per group?

a) True

b) False

```
var i=7;
while(true)
{
document.write("Bogra");

break;
}
```

2. What is the result?

a) Error

b) Infinitive loop

c) print Bogra only once

d) None

3. Which of the following function return the character position of a string?

a) charAt()

b) charCode()

c) indexOf()

d) substr()

4. Is it possible to convert a number datatype into string using toString() ?

a) True

b) False

5. Which of the followings is best describe the action of setInterval() function?

a) it is set value to script-engine for not executing the script

b) It does not repeat a script action

c) It repeats a script action after a certain time

d) It is not a function anyway

6. Which type of functions accepts one or more arguments but returns one value for each row returned by the query?

a) single-row

b) all functions return one value per row

c) subquery

d) multiple-row

7. Maximum height of screen is define by which screen property?

screen.availHeight

screen.Height

screen.maxHeight

both a and c

08. Choose the correct answers

var a=4;

document.write(a++);

document.write(++a);

document.write(--a);

document.write(a--);

5654

4655

4554

09. Which of the following JavaScript events are associated with form ?

OnBlur

Onfocus

onChange

All of the above