

ORACLE paper having two parts.

part 1: aptitude test -30question (20min)

part 2: technical Test -30question (20min)

Part 1:

1)find the range of $x^2 - 5x + 6 > 0$

$X=3$

2)if $5x^2 + 14x + k = 0$ having two reciprocal roots find the value of k.

3&4)two sentence are given ,in between four sentence are given in change order. (like between 1 & 6 ,abcd four sentence are given 1 a b c d 6)

Find the correct order?

5)if first term of AP is 5 .16th term is 45.find the sum of first 16 terms.

6)x,y and z are odd no. not necessarily in sequence.then $y=?$

(1)mean of x and z is 114.

(2)mean of y and z is 113.

Ans: 115

7)ram is 27 year old then mohan.after 7 year ram age is thrice as mohan age .find ram age?

Ans : $67/2$

8)if three tapes are filling a tank of capacity of 500lit with speed of 30lit/sec,48lit/sec and 36lit/sec. Find after how long time tank will fill?

Ans : $500/114$

9)find the root of given eq $x - 2/(x-1) = 1 - 2/(x-2)$ if possible.

Ans : $x = 0$

10)find the point of intersection of \

$15x + 9y = 15$

$5x + 3y = 21$

Ans : NO

11) suppose in a pot 20 cards are there label 1-20 on that. find the probability of getting two prime.

Ans : $\frac{8}{20} = \frac{2}{5}$

12) in an island three persons are there Jam , Dam and Sam .sam having pencil, dam having cap and Jam having book .we have find who is author among them if.

- (1) Sam says , Jam is author but author wearing cap.
- (2) Dam says , I am author , but author not having cap.
- (3) Sam says, I am author , but author having note book.

Find who is author?

Ans : jam

13) Jo , Do and So are three person.

- (1) So says Jo is football player, I also football player.
- (2) Do says Jo is football player, I also football player.
- (3) Jo says Do is football player, I also football player.

Find the football player among them.

Ans : jo

14-16) question based analogy . like LION:CUB find the pair in given choice.

17) in a basket 3 mangos, 4 apples and 4 bananas are there. Find no of ways we select randomly 3 fruit from basket?

18) if $a^x = b^y = c^z$ and $b^2 = ac$ then find $\frac{x+z}{xz} = ?$

Ans : $\frac{2}{y}$

19) $(\log a)^2 - (\log b)^2 = ?$

ans : $-\log ab - \log \frac{a}{b}$

20) in a 60 liters of mixture of spirit and water is 7 %. in order to make water 19%, how much water should be added. (some thing like this)

21-25) A one and half page length passage will be given and 4 to 5 questions will be asked based on this passage.

26)

Technical part:-

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pattern: 1) pl/sql—>7 quest

2) java—>5 quest

3) c & pointers—>9 quest

4) dbms and dfd's—>5 quest

5) ds—>4 quest

some quest are here: -

1.what is not a c- storage class

Ans.stack

2.if dba creates one user what are the privilages the user will get?

3. which keyword is used to const in java

Ans. final

4.char *array[4]={ "some string"}

printf("%d",&array[4]-(array));

Ans.4

5.remote object will be in the package

Ans.java.net (verity it)

6.#define sq(a) (a*a)

printf ("%d",sq (3+2));

Ans.11

7.#define max 20

printf ("%d", ++max);

Ans.lvalue required — error

8.printf ("%d",sizeof (2>3?4?: 4: 3?4: 2)); (some thing like this)

Ans.syntax error

9. what is important of free().

10.property of constructor in java program.

11.impotance of macro.

12. underflow condition of stack.

(1)empty, (2)push, (3)pop, (4)none

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1) Which of the following is not a storage class in C?

Static

Register

Extern

Stack

2) Which of the following 'return' statement is correct?

return, return;

return(1, 2, 3);

return(return 4);

(return 5, return 6);

3) The second argument to fopen() function is?

char

const char *

int *

FILE *

4) What is the output of the program?

```
#include
```

```
void main()
```

```
{
```

```
char buffer[10] = {"Genesis"};
```

```
printf(" %d ", &buffer[4] - (buffer));
```

```
}
```

3

4

0

Illegal pointer subtraction

4

5) If "arr" is an array of 5 x 5 dimension, arr[2][4] is same as

** (a+3+4)

* (a+3) + * (a+4)

$$^{**}(a+3)+4$$

$$^{*} (^{*}(a+2)+4)$$

APTITUDE 30 questions

Log37

1: $\frac{\text{Log}37}{1 + \text{Log}32} = ? \quad (\text{Log}67)$

$1 + \text{Log}32$

2: $\log(a-b) = \log a - \log b$; then $a = ?$

$(b/(b^2+1))$;

3: 3 black 7 white balls. prob of drawing 2 white balls ? $(7/15)$

4: In a lock of 4 rings there r five characters how many unsuccessful attempts can be made ? (624) ..

5: $\text{sqrt}(6+\text{sqrt}(6+\text{sqrt}(6 + \dots)))) = ? \quad 3$

6: a solution is prepared by mixing two solution with sprit 20% & 60%..In what ration they should be mixed to get the 50% sprit in resultant solution. $(1:3)$

7: $X^2 - (A-3)X + (A+3) = 0$

for what value of A the sum of square of roots will be least ? $(A=2)$;

8: 'a' number of persons work daily 'b' hours to produce 'c' items. If 'd' persons walks away from the group what will be the number of hours to produce 'c' items. ? $(ab/(a-d))$

9: - 13 Passage

14 - 18 venn diagram.

19-22 picking based (VERBAL);

23-25 picking odd once out (words)

26: $m = ax$, $n = ay$ $mxny = a^2(x+y)$ find $1/x + 1/y$?

$$27xy - 2y - 6 = 0;$$

$$x^2 - x > 2 \dots$$

y is always positive.

28

The diameter of circle can be determined from

1. area.

2. circumference.

Ans either of them.

29: sum of 2 no. is 7 & product is 10 find larger number.