

ZENSAR Placement Paper & interview Questions

ZENSAR

C test:

1. if(fp == fopen("dfs\r") == NULL), what is the value of fp
a. NULL
b. 0
c. 1
d. 0 or 1
2. #define sqr(x) x*x, what is value of j if j == 2 * sqr(3 + 4)
3. #define FILENAME(extension) test_##extension, how will it print FILENAME(back)
a. test_back
b. test_#back
c. test_##back
d. ??
4. char *p == \hello world\
p[0] == \H\, what will be printf("%s", p);
a. Hello world
b. hello world
c. H
d. compile error
5. int fun(), how do u define pointer to this function ??
6. what is ment by int (* xyz)[13]
7. what is true from
a. base call ferrence is compatible with child class
b. child class reference is compatible with base class
c. no reference to class
d. ??
8. class b
{
}

class a
{
friend class b
}

then what is ture

- a. a can access all protected and public members in b
- b. b can access all protected and public members in a
- c. a can access all members of a
- d. b can access all members of b

9 : what is the output

```
#include
```

```
main()
{
int n==0;
int i;

i==2;
switch(1)
{
case 0:do {
case 1:n++;
case 2:n++;
}
while(--i>0);
}
printf("n==%d\n",n);
}
```

- a. compile error
- b. 4
- c. 1
- d. 0

maths :

- 1 : two liquids A : B in ratio 7:5 and now 24 gallons drain out and b is added
the ratio becomes 5:7 what is containr capacity ? 30, 48 , 84, none
- 2 : man has rope of length 660 mtr to fence a area , what is the max area he can fence ?
- 3 : son is about to celebrate 10th birthday. after 11 years his age will be half the average of his parents. his mother is 17 years older to him. what is the age of the father.
- 4 : DI question where hotels project are given and no of rooms in each hotels , investment , project yr . and company name were asked to find min cost per room is for which hotel , which avg cost per room etc.
- 5 : Avg of 6 no is 8 what 7 th no shud be added to make avg 10;
- 6: difference of cube of a no and its square is a perfect square , what is the no. -> 5
- 7: diff of three concecutive nos square and the nos is 214; find the nos :

Interview!!

1) Write a minimal C++ program .

2) (HR)

- (a) Talk about yourself
- (b) What are your strengths.
- (c) Where do you think you have to improve.
- (d) Where do you see yourself after 5 years

3) main()

```
{
int i==2;
int a==4;

if((i==3)>a)
{
printf( \ TRUE );
}
else
{
printf(\FALSE );
}
}
```

What is the output of the program ..

Ans) TRUE , coz i==3 becomes incremented and i becomes 5 . So i is greater than a

4) What is an OS ?

Ans :

5) What is a Data Structure ?

Ans : It is a an abstract data type where some operations can be defined and performed on the data. It makes the task of a programmer easy coz it has all the set of data and

operations at a particular place

What is OOP.

How do u communicate between object and class.

What is the role Software in the real life in current scenario.

what is object and how it is similr to real life entity.

what is extranet,intranet,internet

INTERVIEW

Tech. interview...

what is an os???

what is an interpreter???

what is a compiler???

what is the difference between an interpreter and a compiler???

In compiling and running a program whatz the part of a compiler and what is that of an

interpreter???

what is a database???

what is a dbms???

what is the difference between them???

what is a rdbms???

tell us about unix???

how do u run and executive in unix environment???

what is a network???

why is a network???

int foo(char

he asked to explain what this meant...

a c program on pointers and he asked me to give the output of the program which is quite

simple...

a c++ program which is again on pointers... but as i am not comfortable with c++ i didnt

take the risk of making a guess and admitted the truth... i think its pretty simple one for

those who are comfortable with c++...

then some informal chat...

okay thankyou very much, good bye...

HR interview...

Ok leela krishna, what do ur friends call u???

How many friends do u have???

Do u talk with girls???

how many girl friends do u have???

whatz the difference of a girlfrind from a girl who is a friend???

what do u do on sundays???

do u like hyderabad???

whatz so special about it???

what places have u got to visit in hyd...???

how many of them have u gone to???

after all this informal chat comes the regular interview....

why dont u tell about ur self??my studies, family background, my hobbies and interests etc.

so ur hobby is choreography, what type of dances do u compose??? just western and filmi

did u learn it some where in ur child hood??? no.

have u attended our presentation yesterday night??? yes

have u visited our site??? yes

did u like it??? yes :)

why do u want to join Zensar???

ask any questions if u have to clear with me??? i asked one question.

These were the questions i faced in the interviews..

Tech :-

What do you know about operating systems ?

Is it a compulsion to have an OS ?

what do u know about Linux .. how\ 's it better ?

What is HTTP ?

A long c code on pointer logic .

Another simple c - code

```
x == 5 ; y == 10;
```

```
y += x++;
```

what are the values of x,y?

HR :-

Tell me something about your self

How many friends do u have?

How do ur friends see u ?

What are the most important qualities a leader should have?

give me some instances where you have lead people.

give me 2 reasons why zensar should take u.

where do u think u need to improve upon.

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