

Cisco Sample Paper

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Company : Cisco
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College :

20 questions - analytical
40 questions - system concepts and c.

analytical section.

1.12 quantative questions
2.4 meanings
3.4 matching(like goat::rat)

1.what is the length of the largest diagonal in a cube of 1unit.
ans: $2\sqrt{3}$.

2.if $0 < s < t < 1$ then the values of s and t many be
ans: $s > -1$ and $t > -1$

3.one of the digits of a two digit number is 6,whose sum is half of there product and whose product of the half of the reverse order number.what is the number.
ans:63

4.how many times 0.01 is larger than $(0.0001) \times (0.0001)$
ans: 10^6 .

5.a train of length 200mts is moving with a velocity of 100km/hr towards east.a car is comming with a velocity of 72km/hr in the opposite direction.how much time the car takes to cross the train.

6.canibalism-

7.humino::static
ans:human::--

8.concrete::abstract
ans:matter::mind

9.elevator-above

10.ramesh,robert,ravi,rahul r doing newspaper business.....

ans:ramesh,either ravi/rahul

system concepts:

1.int a[5,6]

how much memory will be allocated

2.char p[6];

char *d[10];

ans:d=(char*)p

3.using LFU algorithm,how many page faults will occur of the pages r

1,2,1,3,4.

ans:1,4

4.in which layer the bridges r used.

a)data link layer

b)session layer

c)physical layer

d)network layer

5.#define d 10+10

main()

{ printf("%d",d*d);

}

6.in a complete binary tree if the number of levels r 4 then the number of nodes will be,

7.if we delete a node from a balanced binary tree,how can we retain the properties of balanced binary tree.

ans: by rotation at the nodes.

8.in a k-way search tree with N keys, the number of node/no. of leaves=

9.s->A0B

A->BB|1

B->AA|0

how many string can be constructed with length 5.

10.in which of the following regular expression the srting contains atleast 2 concetive 1's.

```
ans:(0+10)*|(0+1)*
11.int i,j=1;
for(i=0;i<10;i++);
{
j=j+1;
}
printf("%d %d",i,j);
```

ans:10 11

```
12.static char *i;
i=malloc(sizeof(char));
find the error;
ans:malloc returns void
```

13.virtual memory address capacity depends on—

```
14.main()
{ int i=1;
fork();
fork();
fork();
printf("%d",i);
}
how many times i will be printed
ans:8
```

15.question on threads

```
16.int i=0xaa
char *p;
p=(char *)i;
p=p>>4;
printf("%x",p);
ans:0x000000a;
```

```
17.union
{ char *p;
int i;
char b;
}
main()
{
--
p=(char*)malloc(8*sizeof(char));
}
what is the size of union?
```

```
18.enum{sunday=-1,monday,...saturday}
printf("%d %d",sizeof(wednesday),wednesday);
```

```
19.struct x{
struct{
struct{
char ch;
} x;
}};
ans:definition wrong
```

```
20.struct *s;
s=(struct *)malloc(10*sizeof(struct)+90*sizeof(int));
free(s);
ans:total memory deallocated
```

```
21.one algorithm is given:
ans:10395
```

```
22.func()
{ int x=1;
if(x=1)
x=1000;
else
x=10;
```

```
return x;
}
what is the return value?
ans:1000
```