

SIEMENS Technical Paper 2

1) which of following operator can't be overloaded.

- a) ==
- b) ++
- c) !
- d) <=

2) #include

main()

{

printf("Hello World");

}

the program prints Hello World without changing main() the o/p should be

initialisation

Hello World

Desruct

the changes should be

a) iostream operator <<(iostream os, char*s) os <<'initialisation' <<(Hello World) <>

b)

c)

d)

b),c).d) i do not remeber.

4) term stickily bit is related to

a) kernel

b) undeletable file

c)

d) none

5) semaphore variable is different from ordinary variable by

6) swap(int x,y)

{

int temp;

temp=x;

x=y;

y=temp;

}

main()

{

int x=2,y=3;

swap(x,y);

}

after calling swap ,what are yhe values x&y?

7) static variable will be visible in

- a)fn. in which they are defined
- b)module " " " "
- c)all the program
- d)none

8)unix system is

- a)multi processing
- b)multi processing ,multiuser
- c)multi processing ,multiuser,multitasking
- d)multiuser,multitasking

9)x.25 protocol encapsulates the follwing layers

- a)network
- b)datalink
- c)physical
- d)all of the above
- e)none of the above

10)TCP/IP can work on

- a)ethernet
- b)tokenring
- c)a&b
- d)none

11)a node has the ip address 138.50.10.7 and 138.50.10.9.But it is transmitting data from node1 to node2only. The reason may be

- a)a node cannot have more than one address
- b)class A should have second octet different
- c)classB " " " " "
- d)a,b,c

12) the OSI layer from bottom to top

13)for an application which exceeds 64k the memory model should be

- a)medium
- b)huge
- c)large
- d)none

14)the condition required for dead lock in unix sustem is

15)set-user-id is related to (in unix)

16) bourne shell has

- a)history record

- b)
- c)
- d)

17)wrong statement about c++

- a)code removably
- b)encapsulation of data and code
- c)program easy maintenance
- d)program runs faster

18)struct base {int a,b;
base();

```
int virtual function1();
}
struct derv1:base{
int b,c,d;
derv1()
int virtual function1();
}
struct derv2 : base
{int a,e;
}
base::base()
{
a=2;b=3;
}
derv1::derv1(){
b=5;
c=10;d=11;}
base::function1()
{return(100);
}
derv1::function1()
{
return(200);
}
main()
base ba;
derv1 d1,d2;
printf("%d %d",d1.a,d1.b)
o/p is
a)a=2;b=3;
b)a=3; b=2;
c)a=5; b=10;
d)none
```

19) for the above program answer the following q's
main()

```
base da;
derv1 d1;
derv2 d2;
printf("%d %d %d",da.function1(),d1.function1(),d2.function1());
o/p is
a)100,200,200;
b)200,100,200;
c)200,200,100;
d)none
```

```
20)struct {
int x;
int y;
```

abc;
you can not access x by the following

```
1)abc-->x;
2)abc[0]-->x;
abc.x;
(abc)-->x;
a)1,2,3
b)2&3
c)1&2
d)1,3,4
```

21) automatic variables are destroyed after fn. ends because
a)stored in swap
b)stored in stack and popped out after fn. returns
c)stored in data area
d)stored in disk

22) relation between x-application and x-server (x-win)

23)UIL(user interface language) (x-win)

24)which is right in ms-windows
a)application has single qvalue system has multiple qvalue
b) " multiple " " single "
c) " " " multiple "
d)none

25)widget in x-windows is

26)gadget in x_ windows is

27)variable DESTDIR in make program is accessed as
a)\$(DESTDIR)
b){DESTDIR}
c)DESTDIR

d)DESTDIR

28)the keystroke mouse entries are interpreted in ms windows as

- a)interrupt
- b)message
- c)event
- d)none of the above

29)link between program and outside world (ms -win)

- a)device driver and hardware disk
- b)application and device driver
- c)application and hardware device
- d)none

30)ms -windows is

- a)multitasking
- b) c) d)

31)dynamic scoping is

32) after logout the process still runs in the background by giving the command

- a)nohop
- b)

33)process dies out but still waits

- a)exit
- b)wakeup
- c)zombie
- d)steep

34)in dynamic memory allocation we use

- a)doubly linked list
- b)circularly linked
- c>B trees
- d)L trees
- e)none

35)to find the key of search the data structure is

- a)hash key
- b)trees
- c)linked lists
- d)records

36)data base

employ_code salary employ_code leave

from to

1236 1500 1238 --- ---

1237 2000 1238 --- ---

1238 2500 1237 ---

1237 --- ---

1237 --- ---

1237 --- ---

select employ_code,employ_data ,leave

the number of rows in the o/p

a)18

b)6

c)7

d)3

37)DBMS

38)read about SQL,db

39)which is true

a)bridge connects dissimilar LANand protocol insensitive

b)router " " " " "

c)gateway " " " " "

d)none of the above