

Hi Srini

This is kiran (zkiran@mailcity.com) I dont think this paper is included  
in your site...  
Try to include it

Kiran

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Thank you Kiran  
srini

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SATYAM COMPUTERS (HYDERABAD)

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Release : 1997

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ANTONYMS

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- 1)disregarded A) heed
- 2) GRE book pg no. 407 q.no. 13-16 para ie:in a certain society....
- 3)GRE .....446, 8th quest A) 1
- 4)GRE.....487, 8th.....
- 5).....488, 14th.....
- 6).....513, 4 &8 .....
- 7) if  $A+B+C+D$  is a +ve no's then
  - a) one must be +ve no's
  - b) two .....
  - c)three .....
  - d)all .....
- 8) GRE pg no.586 32nd qst.
- 9)if  $x+y=3$  and  $y/x=2$  then  $y=$ 
  - a)0 b)  $1/2$  c)1 d) $3/2$  e)2
- 17) how many squares with sides  $1/2$  inch long are needed to cover a rectangle that is 4 feet long & 6feet wide
  - a)24 b)96 c)3456 d)13824 e)14266
- 18)GMAT pg.no. 439 passage 1 with question 1to9 on pg.440-441 excluding qst.no.2  
GMAT pg.442 passage. 2 excluding q.nos.11, 15.
- 20) successive discounts of 20% and 15% are equal to a single discount of ;
  - a)30% b) 32% c)34% d) 35% e)36% ans) 32%

if  $x/y=4$  and  $y$  is not '0' what % of 'x' is ' $2x-y$ '  
ans:175%

if  $x=y=2z$  and  $xyz=256$  then  $x=$   
ans: 8
- 23)if  $2x-y=4$  then  $6x-y$  is ans:12

1-8 q's on bus route. a b c d e

a x 8 15 20 7

b 6 x 9 13 21

c 10 12 x 3 11

d 9 1 18 x 5

e 3 4 17 14 x

where x is starting point. a&e are first and last stations. and b,c,d are intermediate stations. fig's are no. of passengers. cost of ticke

t

is 0.7Rs /pass.

between any successive stations. based on this few q's were given. the fig's

are not correct. q's like total no. of pass. in onward journey.

Rest of q's are

2 statements were given. u have to answer they are correct or not .little bit

easy.

section3

-----

simple q's from r.s agarwal\_quantitative apt.

1.  $1/10^{\text{power}18} - 1/10^{\text{power}20}$  .....value?

2. pipes-leaking-cisterns.

paper2

-----

1. general awareness. 2.

1. father of computers

2. expand HTML, DMA, FAT, LAN, WAN, FDD etc

3. intel's first micropro... a. pentium b. pentium pro etc

4. 1024(dec) convert to hexa&octal

5. first micro. pro. a) 8085 b) 8088 etc

6. ..motorola's processor name?

7. windows\_NT expand

8. simple programs on pascal&c

9. diff between 8087, 8086 (which is latest vers.)

10. some basic q's on GUI.

11. q's on IBM pc

12. one program on finding factorial

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-  
--

SIEMENS INFO

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-  
-

THIS PAPER CONSISTS 6 PARTS. all are multiple choice q's

- 1)general
- 2)c/unix
- 3)c++/motif
- 4)database
- 5)x-windows
- 6)ms-windows

we have written q's not acc. to each part.total 50. q's. time is sufficient.

if u have basic idea about all of the u can easily answer the paper.  
paper

-----

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

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

2)#include<iostream.h>

main()

```
{
printf("Hello World");
}
```

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

intialisation

Hello World

Desruct

the changes should be

a)iostream operator<<(iostream os, char\*s)

os<<'intialisation'<<(Hello World)<<Destruct

b) c) d)none of the above

3)CDPATH shell variable is in(c-shell)

a) b) c) d)

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 entrie are interpreted in ms windows as  
 a) interrupt  
 b) message  
 c) event  
 d) none of the above
- 29) link between program and out side 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) dynimic 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 waita  
 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	t
o				
-----				
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 LAN and protocol insensitive  
 b) router " " " " "  
 c) gateway " " " " "  
 d) none of the above  
 40) read types of tree traversals.  
 41) 42) 43) simple programs on pointers in c

BEST OF LUCK

This is sisl paper given in iit kanpur. enjoy this.

>

> All are multiple choice questions. 60 questions to be answered in 60

mins.

```

> Distribution of questions:
> ---10 questions from data structures and some general topics.
> -----10 questions from Unix and C.
> --7Questions from Data base.
> ---Remaining from Windows(x windows,MS Windows etc..)
> The distribution is not exact.Only approximate.
> Totally there are six sections as below:
> 1.General
> 2.Unix and c
> 3.RDBMS
> 4.C++/object oriented
> TCP/IP
> 6not remembered.
> The questions are as follows:
> RDBMS-----
>     1.What is RDBMS...Def
>     2.Two tables are given.In 1st table 2 columns are there.one
>       isEmployee no,second is salary.In second table 3 columns are
there,one is
employee no,second is date,3rd is salary.
>     Select employee no,from table1,table 2.
>     How many records it will contain?.(This is somewhat difficult)
.
>
>     3.What is transaction?
> TCP/IP:
>     1.X.25 protocol belongs to which layer.
>     2,Order all the 7 layers in sequence

>     3,One node has 2 IP address but data goes through only one
link.What is the
reason?
>     4,Router,Bridge,Gateway....Which one of these can not connect
>     two different LANS and is protocol sensitive.
>     5,Client sends server---request or demand or -----Choices
>     are given.
> Another section...
> 1.main(argc,argv)
> {
>     if(argc<1)
>     printf("error");
>     else
>         exit(0);
>     }
>     If this program is compiled without giving any argument ,what i
t
will print.
> 2.What are the static variables...def
> 3.What is Dynamic allocation ?

```



```

> 4.Dead lock condition...What may be the condition for it.
> 5.Semaphore variable?..def
> 6.Most of the Windows operating systems are....choices are given like
> ----a,multitasking,multiuser,multi processing
>      b,only.....&.....
>      c,only.....&.....
>      like that
> 7.Properties of object oriented,(just recall the name of the
properties like
> inheritance,....
> 8.A program of C++,and two questions were based on the o/p of that
program.
> .....-----.....
>
>
> Some more questions are not remembered.
> Here I am concatenating another mail from my friend.The number of
questions from
different areas as mentioned before is not correct.The correct numbers
are given
below.
> Sections...
> 1, 5Q ...x windows
> 2, 5Q .....MS Windows
> 3, 7Q.....Databases
> 4, 20 Q....General
> 5, 20Q....UNIX/C
> 6,5Q .....OOPS
> Some questions.....
> 1,S

```

Hello friends,

I got some information about SISL's written test,which was conducted recently in IITK.My friend has written that it is the old paper only. Enjoy it...  
 your's lovingly,  
 R.PRASAD.

All are multiple choice questions.60 questions to be answered in 60 mins.

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Sections...

- 1, 5Q ...x windows
- 2, 5Q .....MS Windows
- 3, 7Q.....Databases
- 4, 20 Q....General
- 5, 20Q....UNIX/C
- 6,5Q .....OOPS

Some questions.....

- 1,Sticky bit concept
- 2,Bourne shell.,no hup concept
- 3,Net work layers
- 4,Ethernet,Token Ring
- 5,

Unix...(Ans is Multitasking,Multi user)

6,Windows...(ans is pseudo multitasking)

7,IP Addresses

8,Normalisation(in data bases)

9,SQL Queries

10, semaphores

.....

The remaining questions are not remembered.Totally 12 members have been short listed for the interview.Finally,only one MTECH has been selected.

Best of luck...

From: "N. VIJAYA KUMAR" <vijji@mailcity.com>  
paper were contributed by viji, thejo and c.v.Rao  
SUN-99

1.struct XXX

```
{
    int a;
    float b;
    char *s;
}X;
```

If optimization :X not used in compiler then un used  
bits\_\_\_\_\_. give your assumption\_\_\_\_\_.

2. struct XXX
- ```

{
    int a:6;
    float b:4;
    char s;
}structure;
size og (structure);

```
3. class used for the multiple inheritance in java\_\_\_\_\_
- Anonymous class
  - inner class
  - abstreet class
  - none
4. XDR fixes in which part of OSI stack.
5. LDAP is\_\_\_\_\_service protocol.
6. Given definition for a function which returns a array of pointers with argument of int\*.
7. Give a function declaration with no arguments which refers a two dimensional array
8. Pick up the correct function declaration.
- void \*[] name();
  - void int[][] name();
  - void \*\* name();
  - none of the above.
9. Give the difference between monolithic and microlithic kernal:
- mololic large
  - micro used in embedded systems.
  - none.
10. rPC coresponds to\_\_\_\_\_in OSI stack.
11. find the no. of page faults using LRU stack.  
eg. 3 4 4 6 7 8 1 2 .. ..
12. the inorder representation of a tree 41523 and preorder is 211513 Draw it?
13. when does a stack member will be initialised
- when object is created
  - when object is initialised.
  - doesnot depend on object.
  - none.
- 14 no. of CPU in a multiprocess is contrassed by
- RISC nohere of CPU
  - memory
  - \_\_\_\_\_
  - \_\_\_\_\_
- 15 main()
- ```

{
    char *s;
    s="hot java";
    strcpy(s,"solarrs java")
}

```

```

    }
16 main()
{
    printf("hot java");
    fork()
    exit(0);
}
1. when redirected to a screen what will be printed.
2 when redirected to file what will be printed.

```

```

17.main()
{
    int ret;
    ret=fork();ret=fork();ret=fork();ret=fork();
    if(!ret)
    printf("sun");
    else
    printf("solaris");

```

how many sun 4 solaris will get printed

```

18. main()
{
    char *p='a';
    int *i=100/*p;
}

```

what will be the value of \*i= 1

1.03

cannot be defined.

19 which data structure gives efficient search

- 1 B-tree
- 2 binary tree
- 3 array
- 4 linked list

```

20. struct point
{
    struct point *next;
    int data;
}x;

```

```

main()
{
    int i;
    for(x=p;x!=0;)
    x=x->next,x++;
    freelist(x);
}

```

```

    freelist(x)

```

```

{
    free(x);
    return
}

```

find error?

21. mutex and \_\_\_\_\_are similar locking mechanisms.

22.nextt question on from pointers and functions( highfy) take care.  
23. SNMP and SMIP transport layer protocols for TCP/IP&OSI.  
24 unix : difference between select and poll  
interview questions were mainly on data structures, computer  
architecture ( very imp) , os and networks  
from  
vijay  
cvrao

---

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