

Poornam Info Vision Aptitude, Technical Questions

APTITUDE:

Directions for questions 1, 2:

In a class of 150 students, 40 passed in Social Studies, 90 passed in Science and 30 failed in both the subjects.

Q1. How many students passed in Science but failed in Social Studies?

- a) 70
- b) 10
- c) 90
- d) 80

Q2. How many students passed in at most one subject among Science and Social Science?

- a) 100
- b) 110
- c) 140
- d) 150

Directions for questions 3 to 7:

In each of the following questions, a set of six statements is given, followed by four answer choices. Each of the answer choices has a combination of three statements from the given set of six statements. You are required to identify the answer choices in which the statements are logically related.

- Q3. A. Competitive examinations are tough to pass.
B. There is heavy competition in any field.
C. No student can pass MAT
D. Very few students can pass MAT.
E. MAT is a competitive examination

F. MAT is tough to pass

- a) AEF
- b) ABC
- c) DFB
- d) CDE

Q4. A. Some lids are nibs

B. All hooks are lids.

C. All hooks are nibs

D. No lid is a nib

E. No lid is a hook

F. No nib is hook

- a) EFD
- b) BCA
- c) DEA
- d) CDA

Q5. A. All Pens are knives

B. All knives are spoons

C. No knives are pens

D. No knives are spoons.

E. All pens are spoons.

F. All spoons are pens.

- a) ABE
- b) ABF
- c) AFE
- d) DBE

Q6. A. All cats are goats

B. All Goats are dogs.

C. No goats are cows

D. No goats are dogs

E. All Cows are dogs

F. All dogs are cows

- a) FAB
- b) ABE
- c) AFB
- d) ABF

Q7. A. All MBAs are logical

B. Sudir is rational.

C. Sudhir is a logical MBA

D. Sudhir is a man

E. Some men are MBAs

F. All men are rational.

- a) DEC
- b) EAF
- c) BCF
- d) FDB

C - Technical Questions:

Q8. What will be the output for the following program?

```
void main()
{
int const *p=5;
printf("%d,++(*p));
}
```

- a) 5
- b) 6
- c) Run time error
- d) Compiler error

Q9. What will be the output for the following program?

```

main()
{
int c[]={2.8,3.4,4,6.7,5};
int j,*p=c,*q=c;
for(j=0;j<5;j++) {
printf("%d,*c);
++q; }
for(j=0;j<5;j++) {
printf("%d,*p);
++p; }
}

```

- a) 2 2 2 2 2 2 2 3 4 5
- b) 2 2 2 2 2 2 3 4 6 5
- c) 2 3 4 6 5 2 3 4 6 5
- d) 2 3 4 6 5 3 4 5 6 7

Q10. What will be the output for the following program?

```

main()
{
extern int i;
i=20;
printf("%d,i);
}

```

- a) 20
- b) Grabage value
- c) Linker error
- d) Compiler error

Q11. What will be the output for the following program?

```

main()
{
int i=-1,j=-1,k=0,l=2,m;
m=i++&& j++&& k++||l++;
}

```

```
printf("%d %d %d %d %d", i, j, k, l, m);  
}
```

- a) 0 0 1 3 0
- b) 0 0 1 3 2
- c) 0 0 1 3 1
- d) 1 1 2 3 1

Q12. What will be the output for the following program?

```
main()  
{  
char *p;  
printf("%d %d", sizeof(*p), sizeof(p));  
}
```

- a) 1 1
- b) 2 1
- c) 1 2
- d) 2 2

Q13. What will be the output for the following program?

```
main()  
{  
int i=3;  
switch(i)  
{  
default: printf(zero);  
case 1: printf(one);  
break;  
case 2: printf(two);  
break;  
case 3: printf(three);  
break;  
}  
}
```

- a) zero
- b) zero one two three
- c) three
- d) zero three

Q14. What will be the output for the following program?

```
main()
{
printf("%x,-1<<4);
}
```

- a) ffff
- b) 0000
- c) 0fff
- d) fff0

Q15. What will be the output for the following program?

```
main()
{
char String[]=Hello World;
display(string);
}
void display(char *string)
{
printf("%s,string);
}
```

- a) Hello World
- b) Linker error
- c) Compiler error
- d) Hello

Q16. What will be the output for the following program?

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```
main()
{
struct xx
{
int x;
struct yy
{
char s;
struct xx *p;
};
struct y *P;
};
}
```

- a) Blank screen
- b) Linker error
- c) Compiler error
- d) Infinite execution

Q17. What will be the output for the following program?

```
#include
main()
{
struct xx
{
int x=3;
char name[]=hello;
};
struct xx *s;
printf("%d,s->x);
printf("%s,s->name);
}
```

- a) 3 hello
- b) 3hello
- c) Linker error

d) Compiler error

LINUX Questions:

Q18. You are trying to create four partitions on a linux system and you get an error while creating the fourth partition. Why?

- a) Linux does not allow four partitions.
- b) There is not enough disk space for the fourth partition.
- c) The swap partition must be created first.
- d) The last partition must be a swap partition.

Q19. Which of the following is not a valid Linux command?

- a) rm
- b) mv
- c) copy
- d) more

Q20. Which Linux command is used for renaming a file?

- a) rm
- b) mv
- c) chmod
- d) rename

General Technical Questions

Q21. Which of the following does not work over TCP?

- a) HTTP
- b) SMTP
- c) FTP
- d) None of the above

Q22. Which IP Addressing class allows for the largest number of hosts?

- a) Class A
- b) Class A and B
- c) Class B
- d) Class C

Q23. What is the maximum decimal number that can be accommodated in a byte?

- a) 128
- b) 256
- c) 255
- d) 512

Q24. What is the number of control lines for a 16 output decoder?

- a) 2
- b) 4
- c) 16
- d) 10

Q25. The BIOS of a computer is stored in:

- a) RAM
- b) ROM
- c) CACHE
- d) HARD DISK