

PreSAP Software Solutions Technical Question Paper

Technical:-

Q1. What is the output of the following:

```
#define AREA(x) (3.14*x*x)
int main()
{
float a,r1=6.25r2=2.5;
a=AREA(r1)
printf( the area of the circle is %f,a);
a=AREA(r2)
printf( the area of the circle is %f,a);
}
```

Q2. What is the output of the following

```
main()
{
int i=-3, j=2, m, k=0;
m=++i && ++j || ++k
printf(%d %d %d %d, i, j, m, k);
}
```

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

Q3. Find the odd one out

- a) Oracle
- b) LINUX
- c) Ingress
- d) DB/2

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ANS: b

Q4. Find if any error in the code

```
main()
{
int i=1;
for(;
{
printf("%d,i++);
if (i>10)
break;
}
}
```

- a) two semicolon
- b) for should be replaced by a while loop
- c) compilation error
- d) no error

Q5. Find the odd one out

- a) SMTP
- b) WAP
- c) SAP
- d) ARP

Q6. When is index of a table used

- a) when table is less range of values
- b) when table is used frequently
- c) when the table is small

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d) when we use join statement with select and where clause

Q7. If GRANT is used to grant privileges to perform the queries, what command is used to remove the permissions?

ANS: revoke cmd

Aptitude:-

Q8. If a 4inch cube is painted on all the sides. If it is cut into 1 inch cubes, how many cubes are not painted at all.

Q9. If body: helmet:: finger:?

- a) nail
- b) glove
- c) cannot be determined

Q10. While traveling at uniform speed. You read a two digit number after one hour the number is reversed order. After another hour the number read is same two digit number. What is the average speed?

Q11. If $z=1, y=2 \dots a=26$ what is the sum?

- a) 351
- b) 450
- c) 260
- d)150

ANS: a

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Q12. Ovation

- a) Applause
- b) Guesture

ANS: a

Q13. If a 6 o clock the clock strikes 6 times. The difference between the first and the last strike is 30 secs. Find the time taken when it strikes 12 noon.

Q14. Abode means

ANS: Dwelling

Q15. If $a=1, b=2 \dots z=26$ what is $p+q+r$?

- a) 52
- b) 26
- c) 5
- d) 35

ANS: a

Q16. What is the value of $(0.75*0.75*.075-0.001) / (0.75*.75-0.075+0.01)$

- a) 0.845
- b) 2.45
- c) 0.75 d) 1 **ANS:** a