# Nagarro Written Test Paper

**Q1. White collar sells a shirt for an amount. Due to off season sale white collar started offering a discount of 20% on tag price. Come Diwali, white collar offered a further discount of 10% on the reduced price. If I get the shirt for Rs. 108 what was the original price?**

    a. Rs.180
    b. Rs.160
    c. Rs.145
    d. none

**ANS:** (d)

**Q2. Two poles of height 7 m and 12 m stand on a play ground. If the distance between their feet is 12m, find the distance between their tops.**

    a. 12m
    b. 13m
    c. 11m
    d. none

**ANS:** (b)

**Q3. The monthly personal maintenance allowance for a family of an employee is determined by the average age of family and size of the family. Jacob was drawing Rs.570 as PMA after he got married 6 years back. At present he draws Rs 720 as PMA with his family of 3 after the birth of son?**

    a. 2 years
    b. 3 years
    c. 4 years
    d. 5 years

**ANS:** (d)

**Q4. FORTRAN implementation do not permit recursion because**

a. they use static allocation for variables

b. they use dynamic allocation for variables

c. stacks are not available on all machines

d. it is not possible to implement recursion on all m/c s

**ANS:** (a)

**Q5. The program fragment that follows is written in a block-structured language. Assume that it is syntactically correct and determine its output begin**

```
integer x, y;
x:=3;y:=7;
begin
integer x;
begin
integer y;
y:=9;
x:=2*y;
end;
x:=x+y;
print(x);
end;
print(x);
end;
```

a. 25 27

b. 27 27

c. 27 3

d. 25 3

e. 25 25

**ANS:** (e)

**Q6. The achronym DAN stands for**

a. data acess network
b. distributed area network
c. desktop area network
d. disk access node

**ANS:** (a)

## Q7. What is the output of the program?

```
void main()
{
int i,j,k;
i=2;
j=4;
k=i++>j&2;
printf(%d ,k);
if(++k && ++i<--j|| i++)
{
j=++k;
}
printf( %d %d %d, i,-j--,k);
getch();
}
```

a. 4,-3,2
b. 5,-3,2
c. 4,-2,2
d. 5,-2,2

**ANS:** (d)

## Q8. What does the following code do?

```
var a,b :integer
begin
a :=a+b
```

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*b :=a-b*
*a :=a-b*
*end;*

a. exchange a and b
b. doubles a and stores in b
c. leaves a and b unchanged
d. none

**ANS:** (a)

**Q9. What will be the value of x and y after execution of the following statement (C language)?**

*n== 5; x = n++; y = --x;*

a. 5,4
b. 6,5
c. 6,6
d. 5,5

**ANS:** (d)

**Q10. Which network protocol IBM mainframe and midrange support?**

a. SNA
b. TCP/IP
c. X.25
d. IEEE 802.5

**ANS:** (a)