ITC Infotech Previous Paper Questions

Q1. The age of a and b are in the ratio 4:5 and of b and c in the ratio 3:2.the younge dt of three is

A. a
B. b
C. c
D. cant say

ANS: C

Q2. For communicating with its satellite,NASA has only two codes is equal to 2 and<= is equal to 3.whenever the two symbols appear together the value is taken as sum of each symbol. for example <=<=* is equal to 3+3+2+2+2=12.which of the following is equal to <=<=<=** minus <**?**

a.<=*
b.<=**
c.<=****
d.<=<=

ANS: D

Q3. (X)+(1/x)=3 then (xsquare) + 1/(xsquare) = ??

ANS: 7

Q4. 81*82*83*84*85*86*87*89. What should be in the unit place in this product?

ANS: It must be 0 as 5*2=10

Q5. Boat in 2 km downstream in just 20 min 7 come back again in 1 hour. Then what is the speed of river?

ANS: 1km

Q6. There are three coins of Re 1, 50 ps, 25 ps having ratio of 13:11:3. the total sum of money is 77 ,then find out hw many rupees 1 coins is there?

ANS: 52

Q7. If radius of cylinder and sphere r same and vol of sphere and cylinder r same what is d ratio betn the radius and height of the cylinder

i. R= H
ii. R= (3/4)H
iii. R = (4/3)H
iv. R=2/3H

Q8. O/p?

```
char c[]="123456789";
i=4;
printf("%c %c", c[i], i[c]);
```

Q9. O/p?

```
int *ptr;
p=0;
p++;
printf("%u", p);
```

a. 0
b. garbage value
c. 4

d. none of the above

Q10. O/p?

```
double i=0.0;
switch(i)
{
case 0.0:
printf("jgdj");
case 1.0:
printf("ptoy");
break;
default:
printf("hdfv");
}
```

Q11. What is d UNIX terminology 4 multi-tasking?

a. time slicing
b. pre-emptive
c. time division

Q12. Output?

```
main( )
{
int x,y, z;
x=2;
y=5;
z= x+++y;
printf("%d %d %d", x, y z);
}
```

a) 3 5 7
b) option 2

c) option 3
d) option 4

ANS: a

Q13. Q is not equal to zero and k = (Q x n - s)/2 find n?

(a) (2 x k + s)/Q
(b) (2 x s x k)/Q
(c) (2 x k - s)/Q
(d) (2 x k + s x Q)/Q (e) (k + s)/Q