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void foo(Item x);

which is right way to call with integer argument I?
a. foo(i);
b. foo (i);
c. foo(i);
d. foo(i);
e. foo(i);

8.
9. void quiz(int w)
{
if(w>1)
{ quiz (w/2);
quiz(w/2);
}
printf("*");
}
how many asterisks are printed by the function call quiz(5)?
a. 3
b. 4
c. 7
d. 8

10. void test_a (int n)
{
printf("%d",n);
if(n>0)
test_a(n-2);
}
test_a(4)?

a . 0 2 4
c. 0 2
d. 2 4
e. 4 2
f. 4 2 0

11. char string[8]="abcdefg";
*string=' ';
printf("%s",string);
a. compiler error
b. run-time error
c. no o/p, but no error
d. creates bcdefg

12. char string[8]="abcdefg"

o/p :
printf("%sn",string +3);
a. abcdefg
b. abc
c. defg
d. cdefg

13. main()
{ int I=-3, j=2,k=0,m;
m=++I&&++j||++k;
printf("n%d%d%D", I,j,k,m);

a. –2 3 0 1
b. –2 3 1 1
c. –2 3 1 0
d. –2 3 0 0

14. main()
{
int I;
for(;;)
{
printf("%d",I++)
if(I>10)
break;
}
}
a. condition in a for-loop is mudt
b. no error
c. 2 ; shud be dropped

15.void goop (int z[]);//prototype
int x[10];
which ois the correct way to call goop
a. goop(x);
b. goop(x[]);
c. goop(x[10]);
d. goop(&x);
e. goop(&x[]);

16. int a=3,b=17;
a=b%a;
b=++a+5;
printf("a,b);

a. 2 8
b. 2 7
c. 3 7
d. 2 8
e. none

18. how many time shello will be printed?
```
FILE *fp=fopen("test.txt",w)
Fprintf(fp,"hello");
Fork();
```

a. 1
b. 2
c. 0
d. none

19.
```
int a;
int b=0;
while(a)
{
{ a&=a-1;
b++;
}
a &b
```
a. 0 & 15
b. 1 & 16
c. 0 & 16
d. none

20.
```
class A
{
public:
static int a;
A() {a=10};
};
int main()
{
A b;
Printf("%d",b.a);
Return 0;
}
```
will the program compile?
a yes
b. no

NUMERICAL ABILITY

1. A salesman marks an item 60% above the cost price & offers 2 successive discounts of 25% & 15% on the marked price. His profit is:
a. 15% b 2% c 7.5% d. 10 e. none

2.Had it been sold at 55% loss, SP would have been Rs. 10.80. The C.P is;
a. Rs 26 b. 28 c. 36 d.24 e. none

3. If 18 men can build a wall 140 mtrs. In 42 days . In how many days can 15 men be able to construct a similar wall 100 mtrs . long??
a. 36 b. 60 c. 60 d. 33 e. none

4. Successive discounts of 15% & 20% on any goods amount to a total discount of :
a. 50 % b. 35% c, 34% d.32 % e.none

5. In a km race A beats B by 40 m or 7 secs. A's time (in secs) over the cource is:
a.180
d. 280
e. 168
f. 175
g. none

7. A widow & a son are to receive Rs 20000 and Rs 10,000 respectively frm inheritance of Rs. 70,000. The rest is 2 be divide so that the widow recives 3/2 times as much of it as the son. Then the amnt received by (widow,son) pei9r in thousands of rs. Is:
a. (44,26)
b. 42,28
c. 40,30
d. 45,30
e. none

8.the demand for a commodity linearly decreases by 0.5 unit for each unit increase in price & it vanishes when the price is set at 60 . The supply of the commodity vanishes when the price is set at 25 & equals the square root of the price in excess of this threshold price. Then the equilibrium at which the supply coincides with the demand is:
a. 45
b. 50
c. 55
d. 62+/-3 under-root86
e. none

9. gre type column questions:
area of triangle pqs is 45:
PQ=12 P

QR=20

Col. A : length of segment PS
COL. B: Length of SR

a. if A is greater
b. if B is greater
c. if both equal
d. d. can't determined

10.Col. A: $(0.82)^2(0.82)^3$
Col. B: $(0.82)^6$

11. t is a positive integer
$4/7 = t/s$

Col. A: s
Col. B: 7

12. Col. A 1-1/27
Col. B: 8/9+1/81

13…. 14. these types simple $(-0.64)^4$ & $(-0.6)^3$

15…16

M/c A produces x units of output per hour, while m/c B produces x units of output every 1.5 hrs.

17. How many hrs. does it take 2 produce x units of o/p , with both m/cs A &B working together??
a. (4x +!)/4x
b. 5/4
c. 3/(5x)
d. 3/5

18. 4 more m/cs are installed with their capacities lying betn those of m/cs A & B . Wchi of the following ca't be the average no. opf hrs. per m/c for producing x units of output?
a. 1.05
b. 1.15
c. 1.25
d. 1.35

Problem Solving (19-21)

19. if 0