

Zensar Previous Year Placement Question Paper



Q1. A, B and C contract a work for Rs. 550. Together A and B are supposed to do $\frac{7}{11}$ th of the work. How much does C get?

- (a) Rs. 270
- (b) Rs. 200
- (c) Rs. 310
- (d) Rs. 175
- (e) None of these

ANS: Rs. 200

Q2. What is the output of the program

```
#include
#include
void main()
{
int i=1*4/3-27%3^2+100*0.5-(4>3?1:2);
clrscr();
printf("%d",i);
getch();
}
```

- A. 49
- B. compile error
- C. 51
- D. 48

ANS: B

Q3. How many meaningful English word can be formed by using the second, the fifth, the seventh and the tenth letters of the word APPROPRIATION, each only once, but in different sequence ?

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- (a) One
- (b) Two
- (c) Three
- (d) None of these
- (e) More than three

ANS: One

Q4. Four of the following five are alike in a certain way and hence form a group. Which one of the following does not belong to that group?

- (a) 21
- (b) 35
- (c) 49
- (d) 63
- (e) 56

ANS: 49

Q5. One queue like

```
main()
{
int x=5, y;
y= x*x++ * ++x ;
// print x and y
}
```

Q6. Calculating the no of bits required for the error detection & the error correction for the given

codeword set.
codeword a:

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0000

0001

0011

1111

codeword b:

101111

.

.

.

.

110101

Q7. one bottle is half-full of oil and another bottle with twice the capacity is one quarter full of oil. if water is added so that both the bottles are full and the contents of both are then poured into a third bottle that is empty and large enough to hold the contents of both, what fractions of the contents in the third bottle is oil?

a) $1/4$

b) $1/3$

c) $3/8$

d) $2/3$

ANS: $1/3$

Q8. Don and his wife each receive an 8 percent annual raise. if don receives a raise rs.800 and his wife receives a raise of rs. 840, what is the difference between their annual income after their raises?

a) 40

b) 460

c) 500

d) 540

ANS: 540

Q9. An investor purchased a shares of stock at a certain price. If the stock increased in price Rs 0.25 per share and the total increase for the x shares was Rs 12.50, how many shares of stock had been purchased ?

- (A) 25
- (B) 50
- (C) 75
- (D) 100
- (E) 125

ANS: 50

Q10. a man is standing on the bridge 180 mtr long. Man observes that train passes him 8 sec. while it crosses bridge in 20 sec. find the length of the train.

ANS: 120 mtr.

Q11. What is the priority level of (),++,/

(),/,++ 2.++.(),/ like that

ANS: 1

Q12. What will be output of the above programme?

```
int a=1.1
float b=1.1
if (a==b)
{
printf("both are same")
}
```

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```
else
{
printf("both are differnt")
}
```

Q13. pqrs is a rectangle having area 50. $rx=1/4sr$. What is the area of pqxs?

- a. 37.5
- b. 42.5
- c. 12
- d. 3

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Q14. Which cpu register holds the address of next instruction?

Q15.

```
Main(){
Char *p[]=?pradeep mani?;
Printf(?"%c%c%c%c?",p[i],i[p],(*p+1),*(p+1));
```

Q16. Which is the fastest : FTP ,TELNET ,TCP, etc.

Q17. output:

```
main(){
int x=20 ,y=35;
x= x++ + y++;
y = ++x + ++y;
printf(?"%d %d?",x,y);
}
```

Q18. What is the output?

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```
char *p[]=?rachit and devender?;
printf(?"%C?",++(p[4]));
```

Q19. What is the output?

```
const char *p[]=?abhishek and Ankur?;
char k=?a?;
p[1]=k;
printf(?"%s?",p);
```

Q20. What is the output?

```
main(){
extern int i;
i=5;
printf(?"%d?",i);
}
```

Q21. Today is Friday. The day after 56 weeks and 3 days will be?

- a) Sunday
- b) Monday
- c) Tuesday
- d) Friday

Q22. Find the next two alphabets.

B, D, G, J, L, N, _____

- a) Q
- b) P
- c) R
- d) J

Q23. 111, 248, 3927, 41664, _____

- a) 25125
- b) 52512
- c) 52525
- d) 525125

Q24. 270 degrees clockwise of right of 45 degrees anticlockwise of North-east will be

- a) East
- b) South-West
- c) North
- d) South

Q25. In a 7X7 grid, no two persons should be in adjacent squares, row wise or column wise. However, they can be together diagonally. How many persons at maximum can stand in this grid?

- a) 49
- b) 25
- c) 12
- d) 24

Q26. If KEY is coded as LJFDZX, then how will BOARD be coded as?

- a) CAPNBZSREC
- b) CAPQBZSQEC
- c) CAPNBZSQEC
- d) CAPNBCSQEC

Q27. Sulekha is daughter of wife of brother of Raghavs father. How is Sulekha related to Raghav?

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- a) Wife
- b) cousin
- c) Daughter-in-law
- d) None of these

Q28. The probability that A wins the race is $\frac{2}{5}$ and that of B is $\frac{1}{3}$. If the probability of a dead heat between two is $\frac{1}{4}$, find the probability that none of them wins the race?

- a) $\frac{1}{9}$
- b) $\frac{1}{2}$
- c) $\frac{29}{60}$
- d) none of these

Q29. How many 4 digit numbers can be formed using the digits 1,2,3 and 4 such that it is divisible by 4? (Repetition of digit is allowed)

- a) 24
- b) 64
- c) 16
- d) 25

Q30. Choose the number which is different from others in the group.

- a) 2744
- b) 3375
- c) 9261
- d) 7982