

Sample Daffodil Software Aptitude, Technical Test Question Papers

Aptitude:

Q1. A man buys spirit at Rs. 60 per letter, adds water to it and then sells it at Rs. 75 per litter. What is the ratio of spirit to water if his profit in the sale is 37.5%?

- (a) 9:1
- (b) 10:1
- (c) 11:1
- (d) None of these.

ANS: (b) 10:1

Q2. At a special sale, 5 tickets can be purchased for the price of 3 tickets. If 5 tickets are purchased at the sale, the amount saved will be what percent of the original price of the 5 tickets?

- (a) 20%
- (b) 33.3%
- (c) 40%
- (d) 60%
- (e) 66.6%

ANS: c) 40%

Q3. A decorator bought a bolt of d m number of red chips in any one stack?

- (a) 7
- (b) 6
- (c) 5
- (d) 4
- (e) 3

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ANS: c) 5

Q4. In a club there are male and female members. If 15 female quit then the number of females will become double the number of males. If 45 males quit number of female becomes five times the number of males. Find the number of females.

ANS: Females: 175, Males: 80

Q5. A certain quantity of petrol is found to be adulterated to the extent of 10%. What proportion of the adulterated petrol should be replaced with pure petrol to take the purity level to 98%?

- (a) 80%
- (b) 32%
- (c) 66.67%
- (d) cannot be determined.

ANS: (a) 80%

Q6. A can do a work in 8 days, B can do a work in 7 days, C can do a work in 6 days. A works on the first day, B works on the second day and C on the third day respectively that is they work on alternate days. When will they finish the work? (which day will they finish the work)

ANS: $7\frac{7}{168}$ days

Q7. Working independently, Tina can do a certain job in 12 hours. Working independently, Ann can do the same job in 9 hours. If Tina works independently at the job for 8 hours and then Ann works independently, how many hours will it take Ann to complete the remainder of the jobs?

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- (a) 2/3
- (b) 3/4
- (c) 1
- (d) 2
- (e) 3

ANS: e) 3

Technical:

Q8. What is the output of the program?

```
#include
#include
void main()
{
int i,j=20;
clrscr();
for(i=1;i<3;i++)
{
printf("%d,,i);
continue;
printf("%d,j);
break;
}
getch();
}
```

- a) 1,20
- b) 1,20,1,20
- c) 1,2
- d) 1,2,20,20

ANS: c

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Q9. 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

Q10. What is the output of the following program?

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

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- a) 3 5 7
- b) 7 8 9
- c) 9 2 1
- d) 8 5 3

ANS: a