(IGATE)Q. In a group of 15 workers, 5 are good at plumping and wood work , 3 workers are good at only wood work and 3 are not good at either of them.

How many are good at plumping?

1. 7 b. 4 c. 5 d. 9

(DELLOITE)Q. In an examination 24 out of 80 failed in English and 40% students failed in Hindi, while 20% failed in both the subjects. How many students successfully cleared both the subjects?

1. 32 b. 40 c. 48 d. 50

A bag contains equal number of 25 paise, 50 paise and one rupee coins respectively. If the total value is Rs 105, how many types of each type are present?   
  
a. 75 coins  
b. 60 coins  
c. 30 coins  
d. 25 coins

 A purse contains 342 coins consisting of one rupees, 50 paise and 25 paise coins. If their values are in the ratio of 11 : 9 : 5 then find the number of 50 paise coins?  
  
a. 180  
b. 150   
c. 162   
d. 99

No. of 1 rupee coins = (11x / 1) =11x  
No. of 50 paise coins = (9x / 0.5) = 18x  
No. of 25 paise coins = (5x / 0.25) = 20x  
  
11x + 18x + 9x = 342   
38x = 342   
x = 9  
  
Therefore, no. of 1 rupee coins = 11 x 9 = 99 coins  
No. of 50 paise coins = 18 x 9 = 162 coins  
No. of 25 paise coins = 20 x 9 = 180 coins