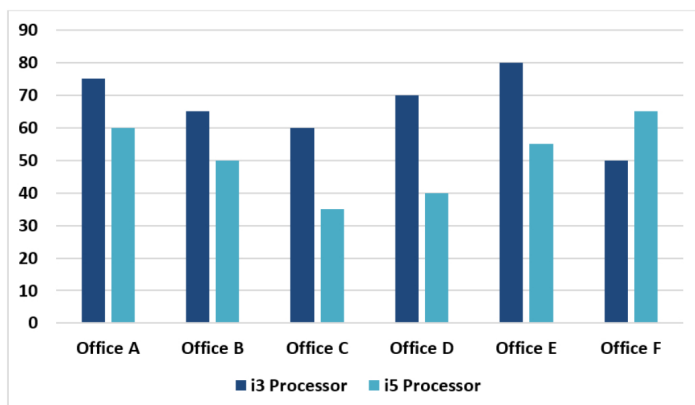


Direction (1 - 5): The bar graph below shows the number of laptops having i3 and i5 processors in 6 offices P, Q, R, S, T, U and V of a building. Study the graph carefully and answer the questions that follow.



Q:1 Total number of laptops having i3 and i5 processors in offices C and E is how much percentage more/less than total number of laptops having i3 and i5 processors in offices D and F?

1. 3.33%
2. 2.5%
3. 2.22%
5. 5%

Q:2 Find the ratio of difference of number of laptops having i3 and i5 processors in offices A and D together to the difference of number of laptops having i3 and i5 processors in offices B and E together.

1. 7 : 8
2. 9 : 8
3. 9 : 7
5. None of these

Q:3 Find the difference of average number of laptops having i3 processor in all 6 offices and average number of laptops having i5 processor in all 6 offices.

1. 85/6
2. 105/6
3. 15
5. 95/6

Q:4 In office A, 40% of the laptops having i3 processor are replaced with the laptops having i5 processor. In office B, 20% of the laptops having i5 processor are replaced with the laptops having i3 processor. Find the total number of laptops having i5 processor in offices A and B now.

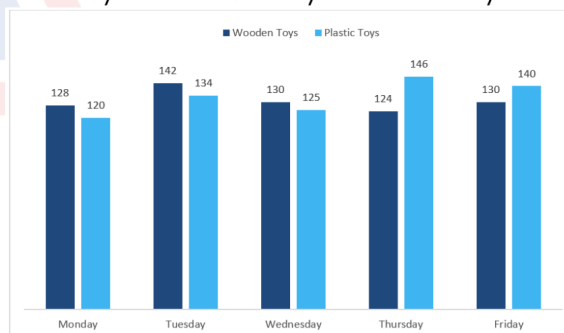
1. 120
2. 135
3. 140
5. 125

Q:5 Half of the laptops having i3 processor in offices F are owned by males. If the ratio of females having laptops with i3 processor in offices E and F is 3 : 5 then how many males in office E have laptops with i3 processor?

1. 60
2. 65
3. 55
5. 58

Direction (6 - 10): Given below is the bar graph which shows the numbers of wooden toys and plastic toys sold on 5 different days of the week. Read the given information carefully and answer the following questions.

Total toys = Wooden toys + Plastic toys



Q:6 Find the difference between total toys sold on Monday and on Wednesday.

1. 10
2. 8
3. 9
5. 5

Q:7 Total Plastic toys sold on Tuesday and Friday together is what percent more or less than total Wooden toys sold on Wednesday and Friday together.



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Quantitative Aptitude - DI (Bar Graph)

English

1. 68/13%
2. 40/7%
3. 69/13%
5. 39/7%

Q:8 Total toys sold on Thursday is what percent more or less than total toys sold on Friday?

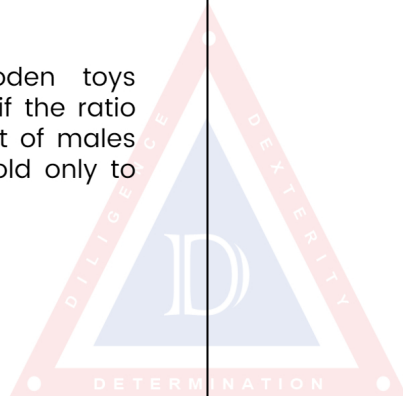
1. 12.5%
2. 0%
3. 10%
5. 5%

Q:9 What is the average of Plastic toys sold on Tuesday, Wednesday and Friday?

1. 133
2. 131
3. 132
5. 130

Q:10 What is the number of Wooden toys purchased by females on Wednesday if the ratio of Wooden toys sold to females to that of males on Wednesday is 7 : 3? (if toys are sold only to males and females)

1. 98
2. 84
3. 104
5. 91



Answer Key

1. (3)	2. (2)	3. (5)	4. (4)	5. (2)
6. (4)	7. (4)	8. (2)	9. (1)	10. (5)

Answers and Solutions

Q:1 The correct answer is **option 3** i.e. **2.22%**

From the bar graph:

Total number of laptops having i3 and i5 processors in offices C and E = $(60 + 35) + (80 + 55) = 230$

Total number of laptops having i3 and i5 processors in offices D and F = $(70 + 40) + (50 + 65) = 225$

Hence, Required percentage = $[(230 - 225)/225] \times 100 = 2.22\%$

Q:2 The correct answer is **option 2** i.e. **9 : 8**.

From the bar graph:

Difference of number of laptops having i3 and i5 processors in offices A and D together = $(75 + 70) - (60 + 40) = 45$

Difference of number of laptops having i3 and i5 processors in offices B and E together = $(65 + 80) - (50 + 55) = 40$

Hence, required ratio = $45 : 40 = 9 : 8$

Q:3 The correct answer is **option 5** i.e. **95/6**.

From the bar graph:

Average number of laptops having i3 processor in all 6 offices = $[75 + 65 + 60 + 70 + 80 + 50]/6 = 400/6$

Average number of laptops having i5 processor in all 6 offices = $[60 + 50 + 35 + 40 + 55 + 65]/6 = 305/6$

Hence, required difference = $400/6 - 305/6 = 95/6$

Q:4 The correct answer is **option 4** i.e. **130**

From the bar graph:

Number of laptops having i3 processor in office A = 75

So, Increased number of laptops having i5 processor in office A = $60 + 75 \times 0.4 = 90$

And Number of laptops having i5 processor in office B = 50

So, Decreased number of new laptops having i5 processor in office B = $50 - 50 \times 0.2 = 40$

Hence, Total number of laptops having i5 processor in offices A and B now = $90 + 40 = 130$

Q:5 The correct answer is **option 2** i.e. **65**

From the bar graph:

Number of laptops having i3 processor in office F = 50

Since, Half of the laptops having i3 processor in offices F are owned by males.

So, Number of laptops having i3 processor owned by females in office F = $50/2 = 25$

Given: The ratio of females having laptops with i3 processor in offices E and F is 3 : 5

So, Number of laptops having i3 processor owned by females in office E = $25 \times 3/5 = 15$

So, Number of laptops having i3 processor owned by males in office E = $80 - 15 = 65$

Q:6 The correct answer is **Option 4** i.e. **7**.

From the Bar Graph:

Total toys sold on Monday = $128 + 120 = 248$

Total toys sold on Wednesday = $130 + 125 = 255$

Hence, Required difference = $255 - 248 = 7$

Q:7 The correct answer is **Option 4** i.e. **70/13%**.

From the Bar graph:

Total Plastic toys sold on Tuesday and Friday = $134 + 140 = 274$

Total Wooden toys sold on Wednesday and Friday = $130 + 130 = 260$

Hence, Required percentage = $[(274 - 260)/260] \times 100 = 140/26 = 70/13\%$

Q:8 The correct answer is **Option 2** i.e. **0%**.

From the Bar graph:

Total toys sold on Thursday = $146 + 124 = 270$

Total toys sold on Friday = $140 + 130 = 270$

Since both the numbers are the same.

Hence, required percentage = 0%

Q:9 The correct answer is **Option 1** i.e. **133**.

From the Bar graph:

Total Plastic toys sold on Tuesday, Wednesday and Friday = $134 + 125 + 140 = 399$

Hence, Average = $399/3 = 133$



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Quantitative Aptitude - DI (Bar Graph)

English

Q:10 The correct answer is **Option 5** i.e. **91**.

From the Bar graph:

Total number of Wooden toys sold on Wednesday
= 130

Given:

Ratio of Wooden toys sold to females to that of
males on Wednesday is 7: 3

Hence, Number of Wooden toys purchased by
females on Wednesday = $7/10 \times 130 = 91$

