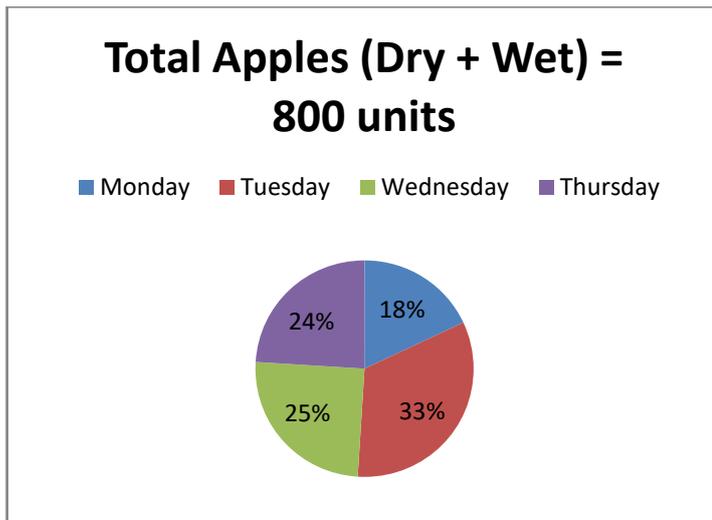




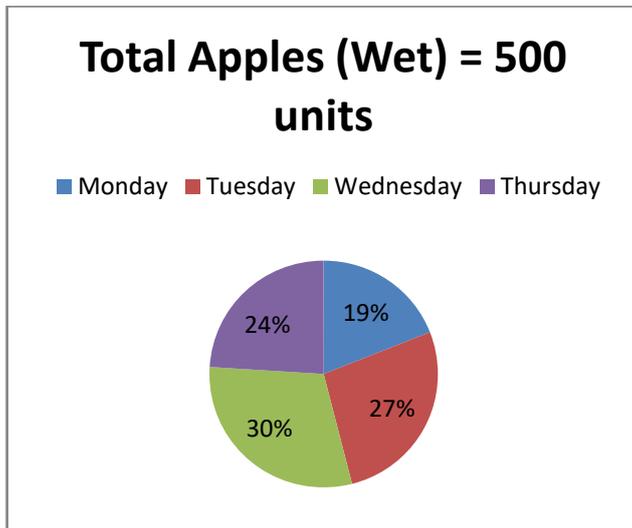
IBPS RRB Office Assistant Mains – Memory Based Questions (7.10.2018)

Directions (Q. 1 – 5) Study the following information carefully and answer the given questions:

The following pie chart1 shows the percentage distribution of total number of Apples (Dry + Wet) sold in different days of a week.



The pie chart2 shows the percentage distribution of total number of Apples (Wet) sold in different days of a week.



1) Find the ratio of Apples (Dry + Wet) sold on Tuesday to that of the Apples (Dry) sold on Thursday?

- a) 23: 7
- b) 19: 5

- c) 11: 3
- d) 35: 11
- e) None of these

Answer: c)

Explanation:

The Apples (Dry + Wet) sold on Tuesday
=> $800 * (33/100) = 264$

The Apples (Dry) sold on Thursday
=> $800 * (24/100) - 500 * (24/100)$
=> $192 - 120 = 72$

Required ratio = 264: 72 = 11: 3

2) If the Apples (Wet) sold on Friday is 60 % more than the Apples (Wet) sold on Thursday. Find the total Apples (Wet) sold on Monday and Friday together?

- a) 287
- b) 323
- c) 412
- d) 189
- e) None of these

Answer: a)

Explanation:

The Apples (Wet) sold on Friday
=> 160 % of the Apples (Wet) sold on Thursday
=> $(160/100) * 500 * (24/100) = 192$

The total Apples (Wet) sold on Monday and Friday together
=> $500 * (19/100) + 192 = 95 + 192 = 287$



3) Find the difference the Apples (Dry) sold on Tuesday to the apples (Wet + Dry) sold on Thursday?

- a) 42
- b) 63
- c) 77
- d) 91
- e) None of these

Answer: b)

Explanation:

The Apples (Dry) sold on Tuesday

$$\Rightarrow 800 \times (33/100) - 500 \times (27/100)$$

$$\Rightarrow 264 - 135 = 129$$

The apples (Wet + Dry) sold on Thursday

$$\Rightarrow 800 \times (24/100) = 192$$

$$\text{Required difference} = 192 - 129 = 63$$

4) Find the average of Apples (Dry) sold on Monday, Tuesday and Wednesday together?

- a) 77
- b) 82
- c) 53
- d) 76
- e) None of these

Answer: d)

Explanation:

The total Apples (Dry) sold on Monday, Tuesday and Wednesday together

$$\Rightarrow [800 \times (18/100) - 500 \times (19/100)] + [800 \times (33/100) - 500 \times (27/100)] + [800 \times (25/100) - 500 \times (30/100)]$$

$$\Rightarrow (144 - 95) + (264 - 135) + (200 - 150)$$

$$\Rightarrow 49 + 129 + 50 = 228$$

$$\text{Required average} = 228/3 = 76$$

5) The Apples (Wet) sold on Thursday is approximately how much percentage more than the Apples (Dry) sold on same day?

- a) 67 % more
- b) 52 % less
- c) 33 % more
- d) 52 % more
- e) 67 % less

Answer: a)

Explanation:

The Apples (Wet) sold on Thursday

$$\Rightarrow 500 \times (24/100) = 120$$

The Apples (Dry) sold on Thursday

$$\Rightarrow 800 \times (24/100) - 500 \times (24/100)$$

$$\Rightarrow 192 - 120 = 72$$

$$\text{Required \%} = [(120 - 72)/72] \times 100 = 66.66 \% = 67 \% \text{ more}$$

Directions (Q. 6 – 10) Study the following information carefully and answer the given questions:

The following table shows the total number of mails received in inbox by different users and the percentage of mails read by the users and the total number of spam mails received in a month.

Users	Total number of mails received in inbox	Percentage of inbox mails read by the user	Total number of spam mails received



A	725	68 %	88
B	800	-	152
C	650	72 %	76
D	540	55 %	104

Note:

The spam mails didn't read by the user.

The total number of mails received = Total mails received in Inbox + Total number of spam mails received.

“-“ indicates that you have to find the answer according to the question they asked.

6) Find the difference between the total number of mails didn't read by the user A to that of user C?

- a) 56
- b) 43
- c) 62
- d) 69
- e) None of these

Answer: c)

Explanation:

The total number of mails didn't read by the user A

$$\Rightarrow 725 * (32/100) + 88$$

$$\Rightarrow 232 + 88 = 320$$

The total number of mails didn't read by the user C

$$\Rightarrow 650 * (28/100) + 76$$

$$\Rightarrow 182 + 76 = 258$$

$$\text{Required difference} = 320 - 258 = 62$$

7) Number of mails read is what percentage of the total mails received in inbox by the user B, if total number of spam mails received by the user B is 38 % of total mails didn't read by the user?

- a) 35 %

- b) 65 %
- c) 80 %
- d) 50 %
- e) None of these

Answer: d)

Explanation:

The total number of spam mails received by the user B = 38 % of total mails didn't read by the user

$$152 = (38/100) * \text{total mails didn't read by the user}$$

$$\text{Total mails didn't read by the user B} = 15200/38 = 400$$

$$\text{Total mails read by the user B} = 800 - 400 = 400$$

The percentage of mails read by the user B

$$\Rightarrow (400/800) * 100 = 50 \%$$

8) Find the total number of mails read by all the given user, if the percentage of mails read by the user B is 66 %?

- a) 2154
- b) 1786
- c) 2378
- d) 1921
- e) None of these

Answer: b)

Explanation:

The percentage of mails read by the user B = 66 %

The total number of mails read by all the given user

$$\Rightarrow 725 * (68/100) + 800 * (66/100) + 650 * (72/100) + 540 * (55/100)$$

$$\Rightarrow 493 + 528 + 468 + 297 = 1786$$

9) Find the ratio between the total number of mails didn't read by the user C to that of total number of spam mails received by the user D?

- a) 129: 52
- b) 153: 31
- c) 166: 23
- d) 140: 11
- e) None of these

Answer: a)

Explanation:

The total number of mails didn't read by the user C

$$=> 650 * (28/100) + 76 = 258$$

The total number of spam mails received by the user D = 104

$$\text{Required ratio} = 258 : 104 = 129 : 52$$

10) The total number of mails received in Inbox by the user D is approximately what percentage of total number of spam mails received by user A and C together?

- a) 400 %
- b) 370 %
- c) 330 %
- d) 260 %
- e) 240 %

Answer: c)

Explanation:

The total number of mails received in Inbox of user D = 540

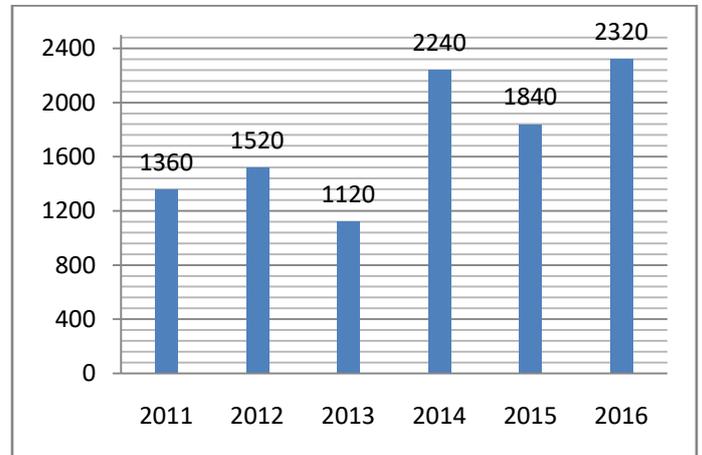
The total number of spam mails received by user A and C together

$$=> 88 + 76 = 164$$

$$\text{Required \%} = (540/164) * 100 = 330 \%$$

Directions (Q. 11 – 15) Study the following information carefully and answer the given questions:

The following bar graph shows the price per square feet of lands in different years.



11) Ravi bought 1860 Square feet and 1240 Square feet of land in the year 2013 and 2016 respectively, then find the total amount spent by Ravi in both 2013 and 2016 together?

- a) Rs. 3150000
- b) Rs. 3870000
- c) Rs. 4520000
- d) Rs. 4960000
- e) None of these

Answer: d)

Explanation:

The total amount spent by Ravi in both 2013 and 2016 together

$$=> (1860 * 1120) + (1240 * 2320)$$

$$=> 2083200 + 2876800 = \text{Rs. } 4960000$$

12) The price per square feet in the year 2011 and 2014 together is approximately what percentage of the price per square feet in the year 2012 and 2015 together?

- a) 93 %
- b) 107 %
- c) 72 %
- d) 66 %
- e) 53 %

Answer: b)

Explanation:

The price per square feet in the year 2011 and 2014 together

$$=> 1360 + 2240 = 3600$$

The price per square feet in the year 2012 and 2015 together

$$=> 1520 + 1840 = 3360$$

$$\text{Required \%} = (3600/3360) * 100 = 107 \%$$

13) If Rahul bought 3280 Square feet of land in the year 2013 and Ragu bought 1820 Square feet of land in the year 2014, then find the ratio between the amount spent by Rahul in the year 2013 to that of the amount spent by Ragu in the year 2014?

- a) 82: 91
- b) 73: 88
- c) 52: 79
- d) 37: 53
- e) None of these

Answer: a)

Explanation:

The amount spent by Rahul in the year 2013

$$=> (3280 * 1120)$$

The amount spent by Ragu in the year 2014

$$=> (1820 * 2240)$$

$$\text{Required ratio} = [3280 * 1120] : [1820 * 2240] = 82 : 91$$

14) If the amount spent by Rajesh to buy a land in the year 2012 is 38 lakhs, then find the square feet of land bought by Rajesh in the year 2012?

- a) 2850 Sq feet
- b) 3130 Sq feet
- c) 2500 Sq feet
- d) 3560 Sq feet
- e) None of these

Answer: c)

Explanation:

The amount spent by Rajesh to buy a land in the year 2012 = 38 lakhs

The square feet of land bought by Rajesh in the year 2012

$$=> 3800000 / 1520 = 2500 \text{ Square feet}$$

15) Find the average price per square feet of land in all the given years except 2015?

- a) 1712
- b) 2855
- c) 1257
- d) 2386
- e) None of these

Answer: a)

Explanation:

The average price per square feet of land in all the given years except 2015

$$=> (1360 + 1520 + 1120 + 2240 + 2320) / 5$$

$$=> 8560 / 5 = 1712$$



Yearly Platinum Package

Unlimited access for One Year
**Get Access all our Ebooks
and Test Series**

Hurry !!!

Subscribe

Download our App on 

Access on both website and mobile app