Pie Chart

Direction (1–5): Given below are two pie–chart. Ist pie chart shows the distribution of manufacturing of different models of Maruti car company in 2015. IInd pie chart shows the distribution of manufacturing of cars of different car manufacturing companies including Maruti in year 2016.
Note: Total cars manufactured by Maruti in 2015 and 2016 are equal.

Figure I

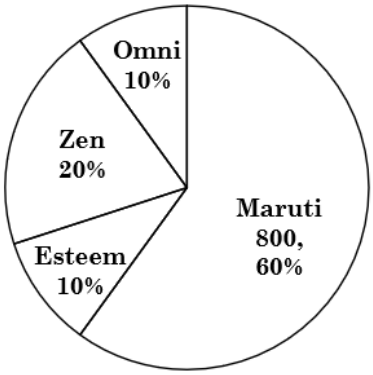
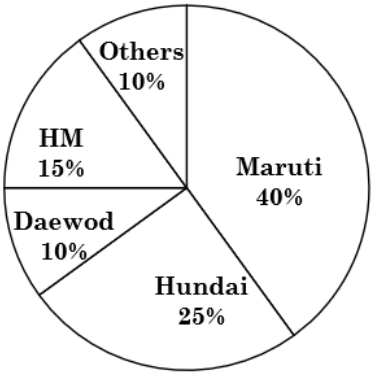


Figure II



1. If total cars manufactured by Daewoo in 2016 is 12.5% more than cars manufacture by Daewoo in 2015 than what is the ratio of cars manufactured by Daewoo in 2015 to the cars manufactured by Zen in 2015.
(A) 4 : 3 **(B)** 10:9
(C) 4 : 5 **(D)** 3 : 4
(E) 2 : 3

2. What is the ratio of total cars manufactured by Maruti of model Zen and Esteem together in 2015 to the total cars manufactured others in 2016.
(A) 3 : 4 **(B)** 4 : 3
(C) 5 : 3 **(D)** 6 : 5
(E) 5 : 6

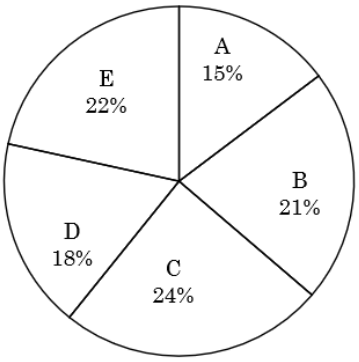
3. If Esteem manufactured in 2015 is 15000 then what will be the average of cars manufactured in 2016 of company Hyundai and Daewoo.
(A) 60225 **(B)** 62625
(C) 65625 **(D)** 52225
(E) 54625

4. If total cars sold by Maruti in 2016 is of the number of cars manufactured by it in 2016 then numbers of cars manufactured by model Zen of Maruti in 2015 is what percent of total cars sold by Maruti in 2016.
(A) 25% **(B)** 20%
(C) 12.5% **(D)** 27.5%
(E) 22.5%

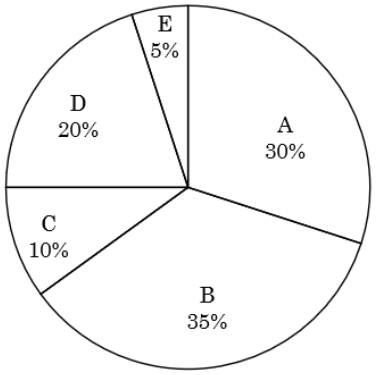
5. What is the ratio of number of cars sold by Hyundai in 2016 to number of cars sold by Maruti 800 in 2015 if Hyundai sold in 2016 is 80% of Hyundai manufactured in 2016 and Maruti 800 sold in 2015 is 90% Maruti 800 manufactured in 2015.
(A) 19 : 20 **(B)** 25 : 27
(C) 26 : 27 **(D)** 23 : 24
(E) 21 : 23

Direction: (6-10): Consider the following pie-charts and answer the following questions:-

Data regarding candidates appearing for test on (weekends + weeksday) centers A, B, C, D, E (total student = 4000)



Data regarding candidates appearing for test on (weekends centers A, B, C, D, E (total student = 1500)



6. The number of candidates selected, if the percentage of candidates selected from Centre B is 10% of the candidates appeared (weekends + weekdays)

(A) 70 **(B)** 80
(C) 90 **(D)** 40
(E) 50

7. What is the ratio of candidates appeared at Centre D on (weekends + weekdays) to the candidates appeared at Centre B on weekends.

(A) 48 : 35 **(B)** 75 : 44
(C) 177 : 142 **(D)** 142 : 177
(E) None of these

8. Candidates appeared at Centre A and B together on weekends is approximately what percentage of B and E together on (weekends + weekdays)

(A) 83% **(B)** 75%
(C) 105% **(D)** 58%
(E) None of these

9. What are the average candidates appeared on weekends at centers A and B and D.

(A) 756 **(B)** 804
(C) 425 **(D)** 870
(E) 650

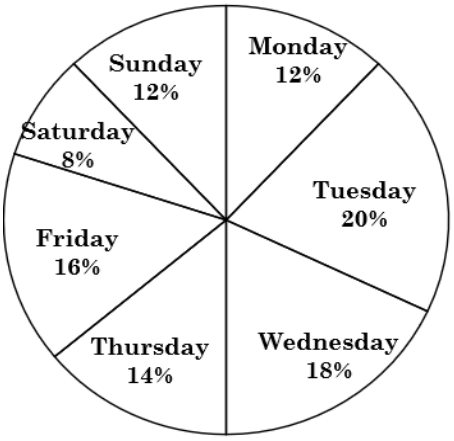
10. Candidates appeared at Centre C on weekends is how much percentage less than candidates at Centre B on (weekends + weekdays) (Approximate value)

(A) 80% **(B)** 75%
(C) 81% **(D)** 57%
(E) None of these

Direction: (11-15): The pie chart given below shows the percentage of oranges sold by a shop in a week from Monday to Sunday. The total number of oranges sold by the shop is 600.

Based on the given pie chart answer the following questions:

Percentage of Oranges sold



11. Find the difference between the average number of oranges sold on Monday, Wednesday together to the average number of oranges sold on Tuesday, Thursday, and Saturday.
(A) 6 **(B)** 8
(C) 12 **(D)** 10
(E) 18

12. Find the difference between the total oranges sold on Monday and Sunday together to total oranges sold on Wednesday.
(A) 18 **(B)** 24
(C) 36 **(D)** 30
(E) 48

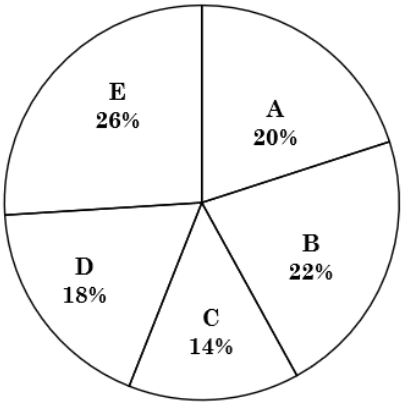
13. What is the ratio of oranges sold on Tuesday and Friday to oranges sold on Wednesday and Sunday?
(A) 2 : 1 **(B)** 5 : 2
(C) 4 : 3 **(D)** 6 : 5
(E) 3 : 2

14. Total number of oranges sold on Wednesday and Friday together is how much percent less or more than the number of oranges sold on Monday, Tuesday and Saturday together?
(A) 25% less **(B)** 10% less
(C) 20% less **(D)** 12% more
(E) 15% less

15. Find the central angle made by the oranges sold on Tuesday and Friday together.
(A) 150° **(B)** 100°
(C) 129.6° **(D)** 120°
(E) 172.5°

Direction: (16-20): The following pie chart given below is based on percentage of book sold by 5 different people A, B, C, D, and E on Monday

Percentage of book sold on Monday



If the total number of books sold on Monday is 750 then answer the following questions based on the given pie chart.

16. Find the ratio of average number of book sold by B and D together to the number of books sold by A alone.
(A) 2 : 1 **(B)** 3 : 2
(C) 1 : 2 **(D)** 1 : 1
(E) 2 : 3

17. Find the difference between the average numbers of books sold by B and E together to average number of books sold by C and D together.
(A) 55 **(B)** 65
(C) 60 **(D)** 40
(E) 45

18. If on Tuesday the book sold by A is increased by 15% from previous day then find by how much percent the book sold by A on Tuesday is more than the book sold by D on Monday?
(A) 22.38% **(B)** 27.78%
(C) 36.23% **(D)** 12.5%
(E) 14.28%

19. Find the ratio of the total angle made by D and E together to the angle made by B and D together on pie chart.

(A) 13 : 14
(B) 2 : 3
(C) 1 : 2
(D) 9 : 8
(E) 11 : 10

(A) 198
(B) 216
(C) 200
(D) 180
(E) 225

20. If a person F sold 20% more books compare to B on Monday then find the total number of books sold by F.