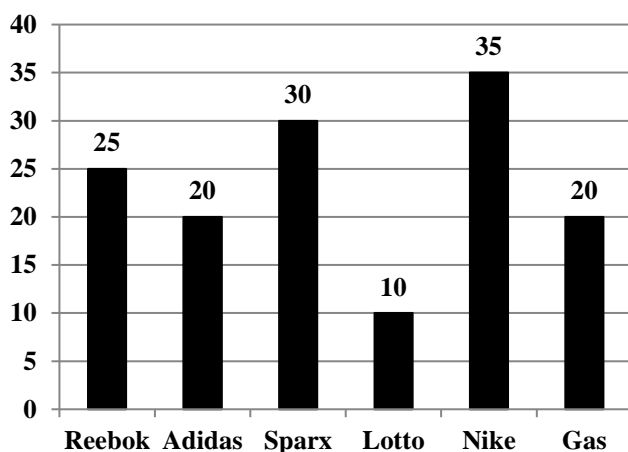## Bar Graph

Direction (1): Study the following graph carefully and answer the questions given below:

Given below is the bar graph which shows the percentage of profit when profit percentage is calculated on selling price of different types of shoes sold by a shopkeeper.
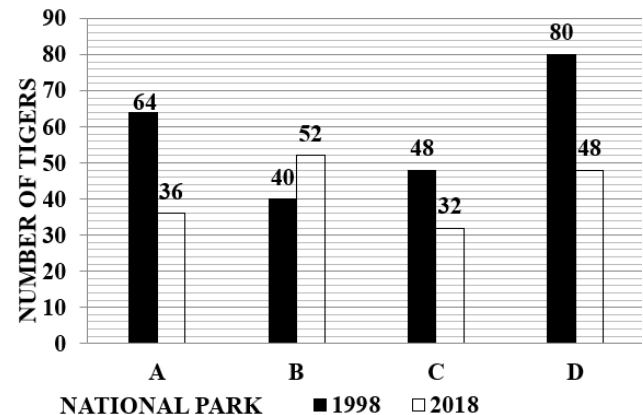Table given below shows the cost price (in Rs.) per unit of different brand of shoes.

1. Ratio of profit of Gas and another brand named Campus is 11 : 9. Then profit of Campus is what percent more or less than profit of Gas ?
(A) $18\frac{3}{11}$%   (B) $17\frac{2}{3}$%
(C) 17%   (D) 18%
(E) $18\frac{2}{11}$%

Direction (2–6): Bar chart given below shows Number of tigers in different National Parks i.e. A to D of a country in two different years. Study the data carefully and answer the following questions.

2. Number of tigers in National Park B and C together in 2018 is how much less more/less than Number of tigers in National Park A and D together in 1998?
(A) 40   (B) 44
(C) 52   (D) 60
(E) 72

3. Number of tigers in National Park 'D' in both years together is what percent of the Number of tigers in National Park 'C' in both years together?
(A) 60%   (B) 160%
(C) 140%   (D) 120%
(E) 180%

4. Find the ratio between number of tigers in National Park 'A' in 2018 to number of tigers in National Park 'B' in 1998?
(A) 9 : 10   (B) 10 : 9
(C) 16 : 13   (D) 13 : 16
(E) 3 : 4

5. Number of tigers in National Park 'E' in 2018 is 40% more than number of tigers in National Park 'D' in 1998 while number of tigers in National park 'E' in 1998 is 25%
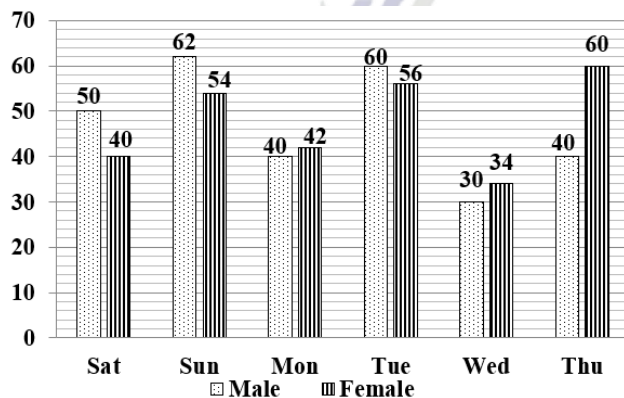
less than number of tigers in National Park 'C' in 2018. Find total number of tigers in National park 'E' in 1998 and 2018 together?
(A) 148   (B) 84
(C) 172   (D) 160
(E) 136

6. Average number of tigers in all National park in 2018 is how much less/more than average number of tigers in all National park in 1998?
(A) 14   (B) 16
(C) 18   (D) 20
(E) 22

Direction (7–11): The Given Bar Graph shows no. of males and females visiting Goa on 6 days of week

☐ Male   �III Female

7. What is the total no. of male and female who visited Goa on Monday and Thursday together.
(A) 186   (B) 122
(C) 124   (D) 198
(E) 182

8. What is the difference between no. of people who visited Goa on Saturday and on Sunday.
(A) 24   (B) 26
(C) 34   (D) 18
(E) 20

9. Find the average no. of male who visited on Sunday, Monday, Tuesday and Wednesday.
(A) 45   (B) 42
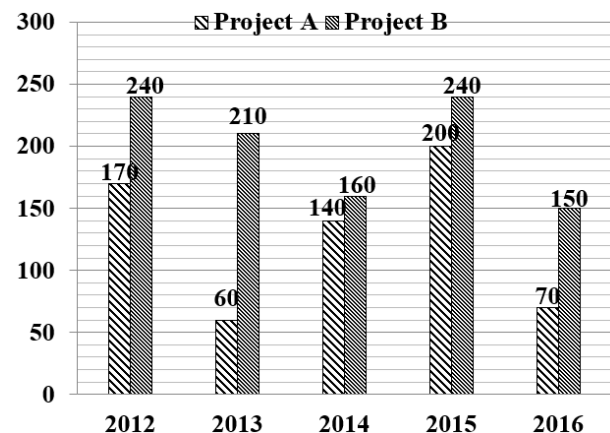(C) 48   (D) 46
(E) none of these

10. If on Friday no. of male who visited increased by 20% as compared to Thursday and no. of female increased by 30% as compared to Thursday. Then find the total no. of people who visited on Friday.
(A) 128   (B) 134
(C) 140   (D) 126
(E) 120

11. No. of male who visited on Tuesday is what percent of the no. of female who visited on Thursday?
(A) 100%   (B) 80%
(C) 120%   (D) 110%
(E) 90%

Direction (12–16): The bar–chart shows the total number of members enrolled in different years from 2012 to 2016 in two projects A and B. Based on this bar chart, solve the following questions.

12. If in the year 2017, there is 60% increase in the total number of members enrolled in 2016 in both Projects, then find the total number of members enrolled in 2017.

(A) 282   (B) 296
(C) 292   (D) 352
(E) None of these

13. The ratio of the total number of members of both project in 2013 to the total number of members in 2016 of both project.
(A) 22 : 27   (B) 21 : 11
(C) 11 : 21   (D) 25 : 13
(E) 27 : 22

14. The number of members of Project A in 2013 is what per cent of the number of members of project B in 2016?
(A) 60%   (B) 55%
(C) 58%   (D) 62%
(E) None of these

15. The number of members enrolled in Project A from 2013 to 2016 together is what per cent more than the number of members enrolled in Project B in 2015 and 2016 together? (Rounded off to two–digit decimal places)
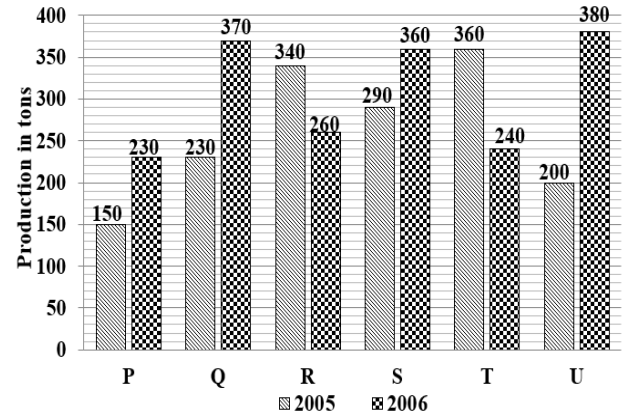(A) 10.51%   (B) 20.51%
(C) 15.51%   (D) 17.51%
(E) None of these

16. The total number of members enrolled in project B in 2015 and 2016 together is what per cent more than the number of members enrolled in project A in 2012 and 2016 together?
(A) 60%   (B) 65%
(C) 62.5%   (D) 61.5%
(E) None of these

Direction (17–20): Study the following graphs and answer the given questions.

Given below is the bar graph showing the production of rice by 6 firms. P, Q, R, S, T and U in two consecutive years 2005 and in 2006.

17. What is the difference between average production of rice by firm P for both year and T for both year.
(A) 80   (B) 85
(C) 110   (D) 40
(E) 120

18. What is the average of sum of rice production by firm R in 2006 firm T in 2005 and firm U for both year.
(A) 100   (B) 300
(C) 1500   (D) 200
(E) 50

19. If production of rice by firm S in 2007 increases by $33 \frac{1}{3}\%$ in comparison to previous year and production of firm T in 2007 increases by 35% in comparison to previous year then what is the sum of production of rice in 2007 for firm S and T together.
(A) 690   (B) 580
(C) 394   (D) 804
(E) 464

20. What is the ratio of production by firm Q in 2005 and S in 2006 together to the production of firm T in 2006 and U in 2005 together.
(A) 59 : 44   (B) 43 : 47
(C) 33 : 50   (D) 24 : 25
(E) 35 : 36