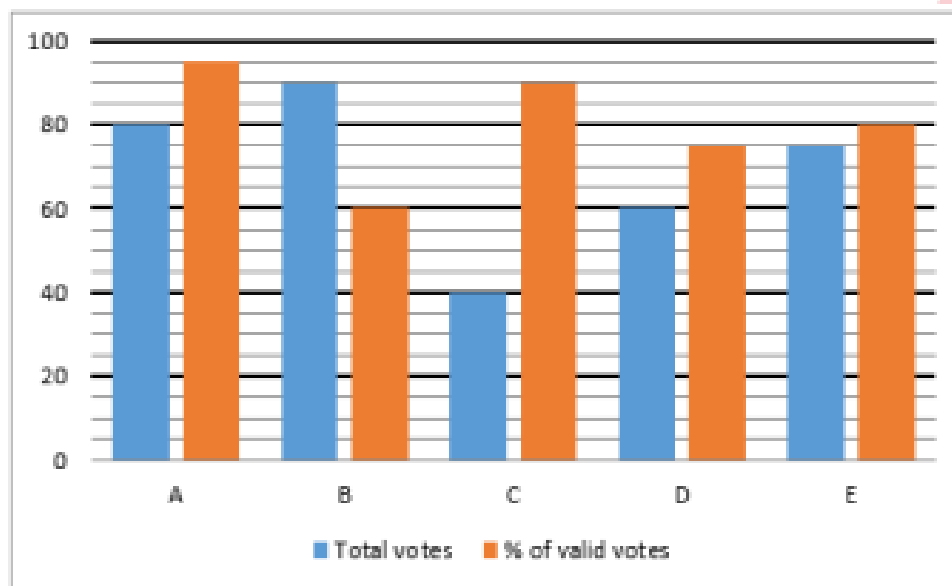


Directions (16-20): Study the bar chart given below and answer the following questions. Bar chart shows the total votes (in '000) in 5 different cities (A, B, C, D & E) and percentage of valid votes out of total votes in these 5 cities.



Q16. In A, ratio of valid votes received by BJP, INC & SP is 11 : 3 : 5. If BJP win the election by 24000 votes, then find valid votes received by INC & SP together.

- (a) 28000
- (b) 40000
- (c) 45000
- (d) 32000
- (e) 21000

Q17. If in D there are only two parties-BJP & INC and BJP got 70% of the total valid votes, then find by how many votes BJP won the election in D.

- (a) 18000
- (b) 25000
- (c) 10000
- (d) 16000
- (e) 6000

Q18. If in E INC got 15000 more valid votes than AAP and BJP won the election by 15000 votes, then find the valid votes received by BJP. (There are only three parties in E – BJP, INC & AAP)

- (a) 40000
- (b) 38000
- (c) 45000
- (d) 35000

(e) 30000

Q19. In B there are only two parties – BJP & INC. If BJP got 60% of total votes in B and ratio of invalid votes received by BJP and INC is 2 : 1, then find valid votes received by INC in B.

(a) 24000

(b) 27000

(c) 22000

(d) 20000

(e) 25000

Q20. In C there are four parties – BJP, INC, SP & AAP. If ratio of valid votes received by BJP, INC, SP & AAP in C is 4 : 2 : 3 : 3 and ratio of invalid votes received by BJP, INC, SP & AAP in C is 1 : 3 : 4 : 2, then find difference between total votes received by INC & SP in C.

(a) 2000

(b) 3500

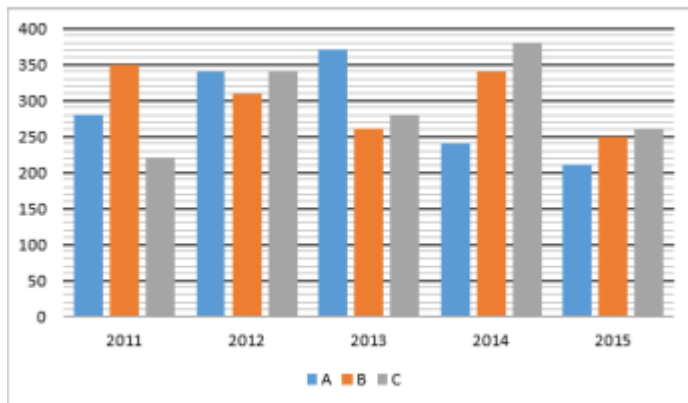
(c) 3400

(d) 2100

(e) 2700

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Directions (21-25): Given bar graph shows the details of number of students in a particular class of 3 different schools in 5 different years



Q21. What is the difference between average number of students of school A across all the years and the average number of students of school B across all the years?

- (a) 18
- (b) 10
- (c) 12
- (d) 14
- (e) 16

Q22. Find the respective ratio of the total number of students of school A in 2011 and 2012 together to the total number of students of school C in 2013 and 2014 together?

- (a) 31:33
- (b) 47:55
- (c) 55:47
- (d) 33:31
- (e) 31:37

Q23. If in 2016, the total number of students in School A, School B and School C increases by 10%, 20% and 15% respectively as compared to 2015, then find the total number of students in 2016 in all the schools together?

- (a) 850
- (b) 870
- (c) 780
- (d) 830
- (e) 800

Q24. Total students of all the school together in 2013 is approximately what percentage more/less than the total students of school B in 2011 and 2015 together?

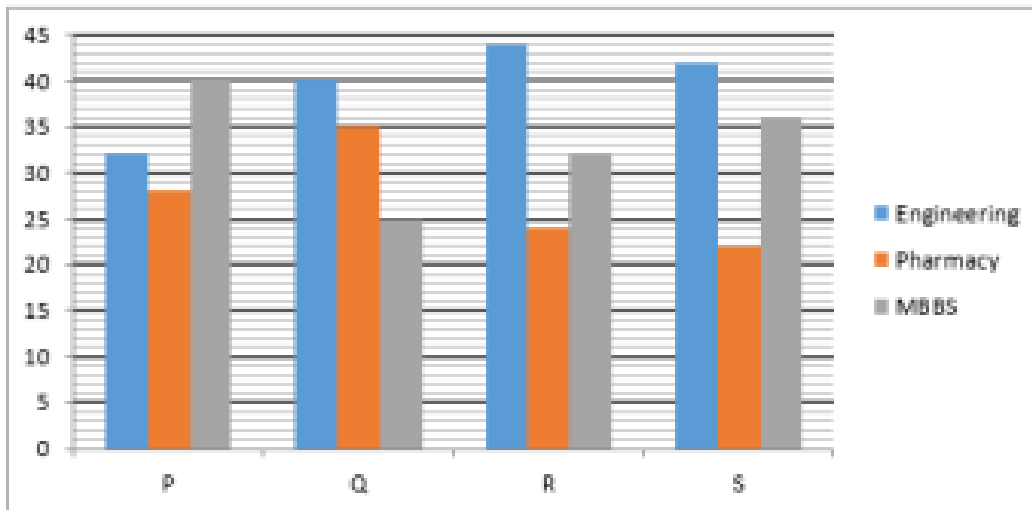
- (a) 52%
- (b) 59%
- (c) 56%
- (d) 63%
- (e) 48%

Q25. Find the difference between the number of total students from all the schools in 2011 and 2013 together and the total number of students from all the schools in 2014 and 2015 together?

- (a) 140
- (b) 60
- (c) 120
- (d) 80
- (e) 100

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Directions (26-30): Given bar graph shows the percentage distribution of total number of students of each school (P, Q, R & S) who took admission in 3 different streams. Total students in P, Q, R & S are 700, 800, 400 & 900 respectively.



Q26. What is average number of students who have opted for MBBS in all the 4 colleges?

- (a) 256
- (b) 233
- (c) 284
- (d) 224
- (e) 296

Q27. What is the ratio of the total number of student who have opted for both engg. and MBBS stream together in college Q to that of in same stream together in college R?

- (a) 38:65
- (b) 67:35
- (c) 35:67
- (d) 65:38
- (e) 29:37

Q28. The number of student who have opted for MBBS in college P is what percent of the number of students who have opted for the engg. in college Q?

- (a) 87.5%
- (b) 50%
- (c) 75%
- (d) 100%
- (e) 62.5%

Q29. What is the ratio of the no. of students who have opted for engg. in college R to that of those who have opted for same stream in college P?

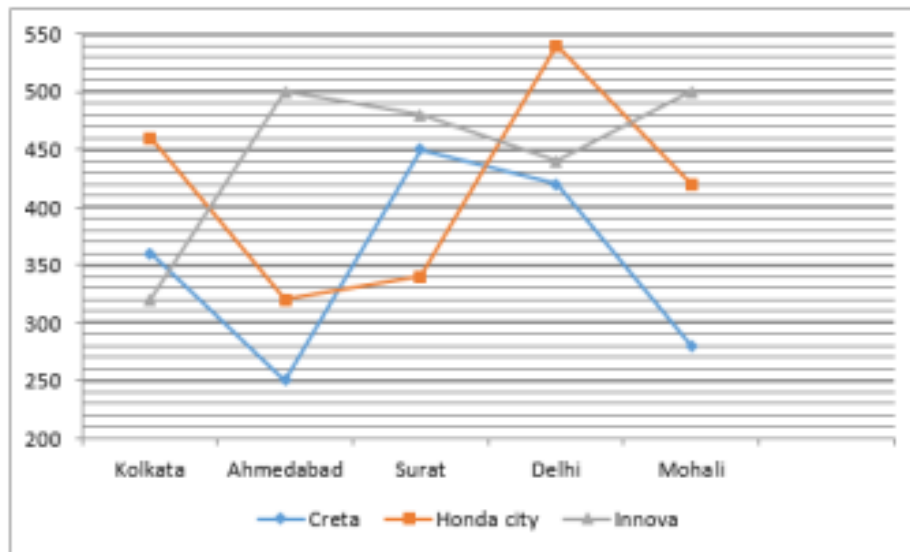
- (a) 14:11
- (b) 17:13
- (c) 11:14
- (d) 13:17
- (e) None of these

Q30. Which of the combination represents the colleges with maximum number of students, who have opted for pharmacy and those who have opted for engg. respectively?

- (a) P & R
- (b) Q & S
- (c) Q & R
- (d) R & S
- (e) P & Q

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Directions (31-35): following line graph shows the data of 3 different types of cars sold in 5 different cities.



Q31. Number of Honda city car sold in Ahmedabad is what percent of total Innova car sold in Surat?

- (a) 50%
- (b) 66.6%
- (c) 70%
- (d) 57.5%
- (e) 80%

Q32. Find the respective ratio of Creta car sold in Delhi and Mohali together to the total of Innova car sold in Kolkata and Ahmedabad together?

- (a) 41:35
- (b) 46:53
- (c) 26:35
- (d) 35:41
- (e) 35:54

Q33. Find the total number of cars sold in Kolkata?

- (a) 1140
- (b) 1170
- (c) 1250
- (d) 1300
- (e) 1080

Q34. Find the difference between number of Honda city cars sold in delhi and number of creta cars sold in surat?

- (a) 70
- (b) 110
- (c) 80
- (d) 100
- (e) 90

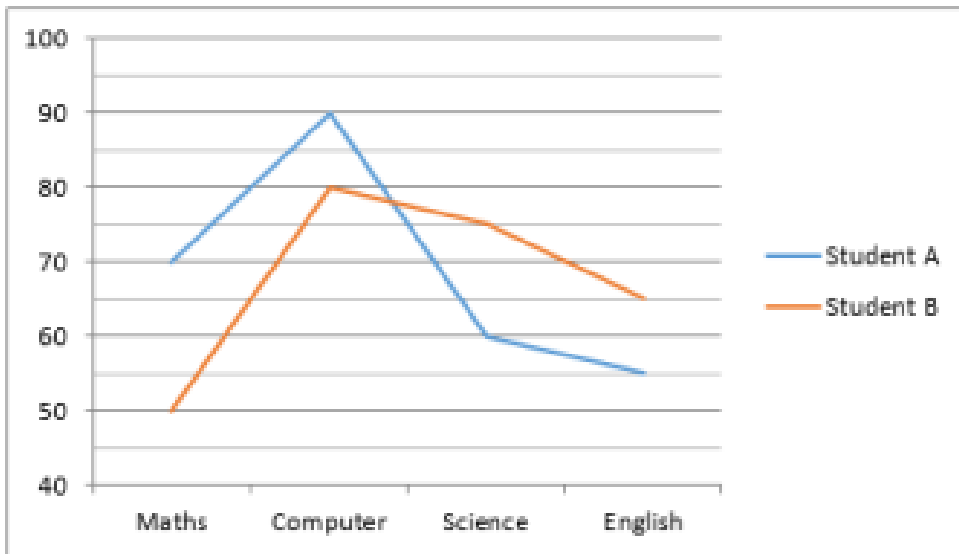
Q35. Find the average number of Honda city car sold in all the cities?

- (a) 420
- (b) 426
- (c) 416
- (d) 430
- (e) 435

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Directions (36-40): Following Line Graph shows the marks scored by Student A and Student B in high school in different Subjects.(Maximum Marks is 100 for each subject). Study the data carefully and answer the following questions.



Q36. What is difference between average marks scored by Student A and Student B in all subjects?

- (a) 1.75
- (b) 1.45
- (c) 1.50
- (d) 1.25
- (e) 1

Q37. What is Ratio of marks obtained by Student A in Maths and Computer together to the marks obtained by Student B in Science and English together?

- (a) 7:5
- (b) 7:8
- (c) 8:7
- (d) 8:5
- (e) 5:7

Q38. What is the overall percentage marks scored by Student B?

- (a) 68.75 %
- (b) 67.5 %
- (c) 68%
- (d) 67%
- (e) 69.25%

Q39. Marks Scored by Student A in Math is what percent of marks scored by Student B in Science and English together?

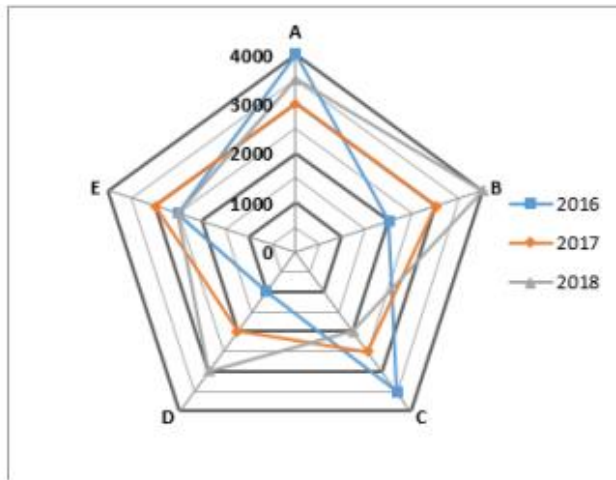
- (a) 40%
- (b) 60%
- (c) 50%
- (d) 70%
- (e) 80%

Q40. If passing marks for each subject is 40% of 120, then what is the difference between passing marks and marks scored by Student B in Computer?

- (a) 30
- (b) 32
- (c) 36
- (d) 40
- (e) 45

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Directions (41-45): Study the radar chart given below and answer the following questions. Radar chart shows the number of buses manufactured by 5 different companies (A, B, C, D & E) in 2016, 2017 & 2018.



Note – Buses manufactured by a company in any year = (Sold + unsold) buses of that company in that year.

Q41. If company – B sold 80%, 90% and 80% buses manufactured by it in 2016, 2017 & 2018 respectively, then find average number of unsold buses of company – B in 2016, 2017 & 2018.

- (a) 400
- (b) 900
- (c) 500
- (d) 200
- (e) 100

Q42. Buses manufactured by company – A in 2016 & 2018 together are what percent more or less than buses manufactured by company – D in 2017 & 2018 together?

- (a) 50%
- (b) 90%
- (c) 70%
- (d) 60%
- (e) 80%

Q43. If buses sold by company – B and company – E in 2016 are 75% and 80% respectively, then find ratio of buses sold by company – B & E together in 2016 to unsold buses of company – B & E together in 2016.

- (a) 11 : 5
- (b) 5 : 1
- (c) 8 : 5
- (d) 7 : 2

(e) None of the above

Q44. Buses manufactured in 2018 by all these 5 companies together are approximately what percent of buses manufactured in 2016 by all these 5 companies together?

(a) 104%

(b) 108%

(c) 102%

(d) 118%

(e) 115%

Q45. Average number of buses manufactured by company– B, C & D in 2017 are how much more or less than buses manufactured by company – D & E together in 2016?

(a) 1500

(b) 2500

(c) 2000

(d) 1000

(e) 500

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