Q. (1-5) Study the following table carefully and answer the questions given below:

No. of marks obtained by five students in five subjects in an Examination
(Total marks in all the five subjects in each are 200)

<table>
<thead>
<tr>
<th>Student</th>
<th>English</th>
<th>Math</th>
<th>History</th>
<th>Geography</th>
<th>Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>115</td>
<td>180</td>
<td>120</td>
<td>90</td>
<td>140</td>
</tr>
<tr>
<td>B</td>
<td>170</td>
<td>105</td>
<td>150</td>
<td>135</td>
<td>100</td>
</tr>
<tr>
<td>C</td>
<td>102</td>
<td>108</td>
<td>132</td>
<td>110</td>
<td>90</td>
</tr>
<tr>
<td>D</td>
<td>98</td>
<td>106</td>
<td>162</td>
<td>148</td>
<td>120</td>
</tr>
<tr>
<td>E</td>
<td>163</td>
<td>125</td>
<td>136</td>
<td>124</td>
<td>115</td>
</tr>
</tbody>
</table>

1. The total marks obtained by B in English and history together was approximately what percentage of marks obtained by E in English?
   A. 150  B. 100  C. 200  D. 250  E. 175

2. Marks obtained by C in History was approximately what percentage of marks obtained by A in Geography?
   A. 167  B. 67  C. 133  D. 33  E. 150

3. Who among them secured highest total marks in English, History and Geography?
   A. A  B. B  C. C  D. D  E. E

4. If the minimum pass percentage is 50 in each subject to be declared pass in the examination, how many of them failed in the examination?
   A. None  B. 2  C. 1  D. 3  E. 4

5. Who among them secured highest total percentage of marks?
   A. A  B. B  C. C  D. D  E. E

Q(6-10) Study the following graph carefully and answer the questions that follow.

Runs scored by three different teams in five different cricket matches
6. Total runs scored by India and Australia in Match 4 together is approximately, what percentage of the total runs scored by England in all five matches together?
   A) 42   B)18   C)36   D)24   E) 28

7. In which match, is the difference between the runs scored by Australia and England second lowest?
   A) 1   B)2   C)3   D) 4   E)5

8. In which match the total runs scored by India and England is the third highest/lowest?
   A) 1   B)2   C) 3   D) 4   E) 5

9. What is the respective ratio between the runs scored by India in Match 5 Australia in Match 1 and England in Match 2?

10. What was the average runs scored by all the three teams in Match 3 together?
    A) 280   B)270   C) 275   D)285   E)NONE OF THESE

Q (11-15) Study the following graph carefully to answer the questions that follow.
Number of Students Enrolled in Three Different Disciplines in Five Different Colleges

11. What is the total number of students studying B.Sc. in all the Colleges together?
    A.1825   B.1975   C.1650   D.1775   E.None of these
12. What is the respective ratio of total number of students studying B.Sc. in the colleges C and E together to those studying B.A. in the colleges A and B together?
A. 24 : 23   B. 25 : 27   C. 29 : 23   D. 29 : 27   E. None of these

13. What is the respective ratio of total number of students studying B.Sc., B.A. and B. Com. in all the Colleges together?

14. Number of students studying B.Com. in College C forms approximately what per cent of the total number of students studying B.Com. in all the colleges together?
A. 39 %   B. 21 %   C. 44 %   D. 33 %   E. 17 %

15. Number of students studying B.A. in College B forms what per cent of total number of students studying all the disciplines together in that college? (Round off to two digits after decimal)
A. 26.86 %   B. 27.27 %   C. 29.84 %   D. 32.51 %   E. None of these

Q(16-20) Study the following table carefully and answer the questions given below. Number of tickets sold in a week of five movies in the multiplexes in six different cities (number in thousands)

<table>
<thead>
<tr>
<th>Movie</th>
<th>City</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mumbai</td>
<td>20</td>
<td>15</td>
<td>35</td>
<td>26</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Delhi</td>
<td>17</td>
<td>19</td>
<td>21</td>
<td>25</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>Kolkata</td>
<td>32</td>
<td>24</td>
<td>19</td>
<td>21</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Chennai</td>
<td>18</td>
<td>21</td>
<td>32</td>
<td>28</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Hyderabad</td>
<td>16</td>
<td>34</td>
<td>26</td>
<td>29</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Lucknow</td>
<td>15</td>
<td>27</td>
<td>20</td>
<td>35</td>
<td>26</td>
</tr>
</tbody>
</table>

16. The number of tickets of movie B sold in Hyderabad was approximately, what per cent of the total number of tickets of the same movie sold in all the cities together?
A. 15 %   B. 18 %   C. 12 %   D. 20 %   E. 24 %

17. What is the difference between the number of tickets of movie D sold in Kolkata and the number of tickets of movie B sold in Lucknow?
A. 7500   B. 7000   C. 14000   D. 9000   E. None of the above

18. What is the average number of tickets of movie C sold in all the six cities?
A. 15500   B. 2550   C. 24000   D. 25500   E. None of the above
19. The number of tickets of movie E sold in Chennai is what per cent of number of tickets movies A sold in Mumbai?
A.70 B.30 C.130 D.170 E.None of the above

20. In which city was the total number of tickets of all the five movies together sold the minimum?
A. Delhi B. Chennai C. Lucknow D. Kolkata E.None of these

Q(21–25): In the following table, the number of pages printed by 6 printers in 5 weeks has been given. Read the following table carefully and answer the questions.

Number of pages printed by 6 printers in 5 weeks

<table>
<thead>
<tr>
<th>Printer week</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>664</td>
<td>618</td>
<td>628</td>
<td>552</td>
<td>638</td>
<td>419</td>
</tr>
<tr>
<td>Second</td>
<td>569</td>
<td>441</td>
<td>519</td>
<td>438</td>
<td>621</td>
<td>437</td>
</tr>
<tr>
<td>Third</td>
<td>440</td>
<td>614</td>
<td>503</td>
<td>527</td>
<td>541</td>
<td>742</td>
</tr>
<tr>
<td>Fourth</td>
<td>256</td>
<td>563</td>
<td>347</td>
<td>651</td>
<td>412</td>
<td>321</td>
</tr>
<tr>
<td>Fifth</td>
<td>717</td>
<td>429</td>
<td>598</td>
<td>582</td>
<td>519</td>
<td>693</td>
</tr>
</tbody>
</table>

21. What is the average number of pages printed by all printers in the first week?
A) 586.5 B) 540 C) 545.4 D) 546.5 E) 548

22. What is the average number of pages printed by printer C taking all the weeks together?
A) 529 B) 519 C) 591 D) 592 E) 539

23. In which week was the number of printed pages maximum?
A) First B) Second C) Third D) Fourth E) Fifth

24. The difference between the pages printed by printers A and E in the second week is
A) 46 B) 42 C) 62 D) 52 E) None of these

25. The difference between the total pages printed by printers B and C (all weeks taken together) is
A) 65 B) 70 C) 66 D) 77 E) None of these

Q. (26-30): Study the following table and answer the questions that follow:

The table represents the total sales value (in lakhs) of five books P, Q, R, S and T across eight bookstores A, B, C, D, E, F, G and H.

<table>
<thead>
<tr>
<th>BOOKS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>560</td>
<td>590</td>
<td>210</td>
<td>670</td>
<td>560</td>
<td>680</td>
<td>420</td>
<td>460</td>
</tr>
</tbody>
</table>
26. What is the ratio the total sales values of Book P across all the bookstores and Book S across all the bookstores?
A) 83 : 55   B) 85 : 53   C) 83 : 53   D) 89 : 55   E) None of these

27. The sale of the book R from Bookstore H is what per cent of the total sale of Book R across all the bookstores (rounded off to two places after the decimal)?
A) 21.12   B) 17.19   C) 7.43   D) 3.04   E) 10.79

28. What is the average sale (in lakh) of Bookstore E?
A) 502   B) 504   C) 512   D) 540   E) None of these

29. Book Q constituted approximately what per cent of the total sales of Bookstore C?
A) 34   B) 39   C) 32   D) 23   E) 28

30. What is the total sales value (in lakh) of Bookstore D?
A) 2510   B) 2670   C) 2900   D) 2070   E) None of these

Q.(31-35): The following table shows the distribution of value of sales of cars of two companies A and B in the given months.

Values of sales of Company A and B

<table>
<thead>
<tr>
<th>Month</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>575000</td>
<td>862500</td>
</tr>
<tr>
<td>Feb</td>
<td>450000</td>
<td>337500</td>
</tr>
<tr>
<td>Mar</td>
<td>375000</td>
<td>625000</td>
</tr>
<tr>
<td>Apr</td>
<td>625000</td>
<td>1562500</td>
</tr>
<tr>
<td>May</td>
<td>300000</td>
<td>350000</td>
</tr>
<tr>
<td>June</td>
<td>175000</td>
<td>125000</td>
</tr>
</tbody>
</table>

31. By what per cent is the sales of Company B more than that of Company A in March?
A) 70 2/3 %   B) 64 2/3 %   C) 65 1/3%   D) 66 2/3 %   E) 67 %

32. By what per cent has the sales of Company A increased in April as compared to that in March?
A) 66 2/3 %   B) 65 %   C) 67 1/3 %   D) 53 1/3 %   E) 70 2/3 %
33. What is the total sales of Company B in all the months together?
A) 3762400  B) 3862500  C) 3742500  D) 3852500  E) 3962500

34. In how many months is the sales of Company B more than that of Company A?
A) 1  B) 2  C) 3  D) 4  E) 5

35. What is the average value of sales of Company B for all the months?
A) 542850  B) 552960  C) 643750  D) 742850  E) 644950

Q. (36-40): Study the given pie-chart and table carefully and answer the questions given below:
The pie-chart shows the distribution of the total number of students studying medical courses from 6 colleges and the table shows the ratio of male to female students and the ratio of MBBS to MD students.

<table>
<thead>
<tr>
<th>College</th>
<th>Male:Female</th>
<th>MBBS:MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>7 : 5</td>
<td>3 : 1</td>
</tr>
<tr>
<td>B</td>
<td>3 : 1</td>
<td>4 : 1</td>
</tr>
<tr>
<td>C</td>
<td>3 : 2</td>
<td>5 : 3</td>
</tr>
<tr>
<td>D</td>
<td>5 : 3</td>
<td>13 : 3</td>
</tr>
<tr>
<td>E</td>
<td>9 : 7</td>
<td>2 : 1</td>
</tr>
<tr>
<td>F</td>
<td>4 : 3</td>
<td>5 : 2</td>
</tr>
</tbody>
</table>

36. What is the difference between the number of MBBS students in college A and college E?
A) 20000  B) 30000  C) 40000  D) 25000  E) None of these
37. What is the ratio of female students of college C to those of college D?
A) 3 : 2  B) 5 : 4  C) None of these  D) 3 : 5  E) 4 : 3

38. What is the number of female students of college E who were studying MBBS?
A) 24000  B) None of these  C) 21000  D) 18000  E) Can’t be determined

39. The number of MD students from college A is what per cent more than the number of MBBS students from college F?
A) 12%  B) 15%  C) 20%  D) 8%  E) None of these

40. The number of female students in college B is what per cent of the number of male students in college E?
A) 72.5%  B) 77 7/9 %  C)None of these  D)87.75%  E)83 4/9 %

Q.(41-45) : Study the following table carefully and answer the questions given below :
Number of students enrolled with five colleges over the years.

<table>
<thead>
<tr>
<th>Year</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>320</td>
<td>520</td>
<td>400</td>
<td>450</td>
<td>480</td>
</tr>
<tr>
<td>2013</td>
<td>350</td>
<td>540</td>
<td>380</td>
<td>480</td>
<td>500</td>
</tr>
<tr>
<td>2014</td>
<td>300</td>
<td>460</td>
<td>410</td>
<td>420</td>
<td>520</td>
</tr>
<tr>
<td>2015</td>
<td>360</td>
<td>480</td>
<td>430</td>
<td>460</td>
<td>470</td>
</tr>
<tr>
<td>2016</td>
<td>340</td>
<td>530</td>
<td>390</td>
<td>470</td>
<td>530</td>
</tr>
</tbody>
</table>

41. In 2014, from all colleges together 10% students enrolled went abroad. How many students went abroad?
1) 324  2) 236  3) 211  4) 412  5) None of these

42. The average number of students enrolled from college H for all the years together is approximately what percent of the average number of students enrolled from college J for all the years together ?
1) 74%  2) 83%  3) 88%  4) 92%  5) 76%

43. What is the ratio of the average number of students enrolled with all colleges together in 2015 to that in 2016 ?
1) 115 : 107  2) 113 : 117  3) 105 : 109  4) 110 : 113  5) None of these

44. In 2013, from all the colleges together an overall 40% of the students enrolled for computer course total how many students enrolled for this course ?
1) 900  2) 750  3) 850  4) 800  5) None of these

45. If from college H in 2015, 90% of the students enrolled appeared in a competitive examination, out of which 75% students passed, how many students passed the examination ?
1) 272  2) 236  3) 248  4) 243  5) None of these
Q.( 46-50 ) : Study the following table carefully and answer the given questions.

Number of students studying in different standards of different schools.

<table>
<thead>
<tr>
<th></th>
<th>III</th>
<th>IV</th>
<th>V</th>
<th>VI</th>
<th>VII</th>
<th>VIII</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>38</td>
<td>50</td>
<td>58</td>
<td>48</td>
<td>54</td>
<td>42</td>
</tr>
<tr>
<td>Q</td>
<td>46</td>
<td>45</td>
<td>45</td>
<td>58</td>
<td>60</td>
<td>50</td>
</tr>
<tr>
<td>R</td>
<td>54</td>
<td>42</td>
<td>46</td>
<td>58</td>
<td>48</td>
<td>40</td>
</tr>
<tr>
<td>S</td>
<td>50</td>
<td>52</td>
<td>40</td>
<td>46</td>
<td>55</td>
<td>45</td>
</tr>
<tr>
<td>T</td>
<td>48</td>
<td>52</td>
<td>55</td>
<td>44</td>
<td>55</td>
<td>48</td>
</tr>
<tr>
<td>U</td>
<td>54</td>
<td>60</td>
<td>42</td>
<td>54</td>
<td>52</td>
<td>52</td>
</tr>
</tbody>
</table>

Schools => P,Q,R,S,T,U
Standards => III IV V VI VII VIII

46. What is the approximate average number of students studying in standard III from all schools together?
A) 42     B) 36     C) 48    D) 54    E) None of these

47. Number of students studying in standard VI from school T is what percent of those studying in standard VI from school S?
A) 92.5%   B) 95.65%    C) 86.45%    D) 78.65%   E) None of these

48. Which school has the highest total number of students from all the given standards together?
A) P    B) Q      C) S   D) U   E) R

49. Which standard has the lowest total number of students from all the given schools together?
A) III    B) IV   C) VI   D) VII    E) VIII

50. What is the respective ratio of students studying in standard V of school P and Q together to those studying in standard VIII of schools R and S together?
A) 103 : 85   B) 57 : 54   C) 53 : 52   D) 89 : 83   E) None of these

**EXPLANATIONS**

1. **Answer :** (c)

Total marks of B in English and History = 170 + 150 = 320
E’s mark in English = 163
‘. Required percentage = 320/163 * 100 = 196.31 = 200(approx.)

2. **Answer :** (E)

Required percentage = 132/90 * 100 = 146.66 = 150(approx.)

3. **Answer :** (B)

Total marks in English, History and Geography by:
A : 115 + 120 + 90 = 325
B : 170 + 150 + 135 = 455 (highest)
C : 102 + 132 + 110 = 344
D : 98 + 162 + 148 = 408
E : 163 + 136 + 124 = 423

4. **Answer: (D)**
According to the question, A, C and D have failed in the examination.

5. **Answer: (E)**
Total marks by:
A : 115 + 180 + 120 + 90 + 140 = 645
B : 170 + 105 + 150 + 135 + 100 = 660
C : 102 + 108 + 132 + 110 + 90 = 542
D : 98 + 106 + 162 + 148 + 120 = 634
E: 163 + 125 + 136 + 124 + 115 = 663 (highest)

6. **Answer: C**
410/1140*100 = 35.96%

7. **Answer: C**
Difference between scores by Australia and England in five matches respectively
= 90, 140, 80, 50, 150
In Match 3 the runs are the Second lowest.

8. **Answer: (A)**
Sum of runs scored by India and England together in five matches are runs:
480, 520, 500, 460, 520
In match 1 the runs are the third highest/lowest.

9. **Answer: (D)**
220 : 260 : 180
22 : 26 : 18
11 : 13 : 9

10. **Answer: (B)**
Sum of runs scored by all the three teams in Match 3 = 310 + 270 + 230 = 810
Average = 810/3 = 270

11. **Answer: (D)**
Total number of students studying B.Sc. in all the colleges together
= 350 + 325 + 300 + 375 + 425 = 1775
12. **Answer: (C)**
Total number of students studying B.Sc. in the colleges C and E together = 300 + 425 = 725
Total number of students studying B.A. in the colleges A and B together = 275 + 300 = 575
Required ratio = 725 : 575 = 29 : 23

13. **Answer: (A)**
Total number of students studying B.Sc. in all the colleges together
= 350 + 325 + 300 + 375 + 425 = 1775
Total number of students studying B.A. in all the colleges together
= 275 + 300 + 325 + 450 + 325 = 1675
Total number of students studying B.com in all the colleges together
= 425 + 475 + 325 + 425 + 225 = 1875
Required ratio = 1775 : 1675 : 1875 = 71 : 67 : 75

14. **Answer: (E)**
Number of students studying B.Com. in College C = 325
Total number of students studying B.com in all the colleges together
= 425 + 475 + 325 + 425 + 225 = 1875
Percentage = (325/1875) * 100 = 17.33 % ≈ 17 %

15. **Answer: (B)**
Number of students studying B.A. in College B = 300
Total number of students studying all the disciplines together in that college
= 300 + 325 + 475 = 1100
Percentage = (300/1100) * 100 = 27.2727 % ≈ 27.27%

16. **Answer: (E)**
Total number of tickets of movie B sold in all the cities together=15+19+24+21+34+27 =140 (thousand)
Number of tickets sold of movie B in Hyderabad=34 (thousand)
required percentage= (34/140)* 100 = 24 %

17. **Answer: (E)**
Number of tickets sold of movie D in Kolkata=21000
Number of tickets sold of movie B in Lucknow=27000
required difference=27000-21000=6000

18. **Answer: (D)**
Total number of tickets of movie C sold in all cities=35+21+19+32+26+20=153 (thousand)
So, required average = 153000/6 = 25500

19. **Answer: (A)**

Number of tickets sold of movie E in Chennai = 34 (thousand)
Number of tickets sold of movie A in Mumbai = 20 (thousand)

required percentage = (34/20)*100 = 170

20. **Answer: (A)**

Total number of tickets sold in Mumbai = 114 (thousand)
Total number of tickets sold in Delhi = 110 (thousand)
Total number of tickets sold in Kolkata = 113 (thousand)
Total number of tickets sold in Chennai = 133 (thousand)
Total number of tickets sold in Hyderabad = 127 (thousand)
Total number of tickets sold in Lucknow = 123 (thousand)

Minimum tickets sold in Delhi.

21. **Answer: (A)**

Required average = 1/6 (664 + 618 + 628 + 552 + 638 + 419) = 1/6 * 3519 = 586.5

22. **Answer: (B)**

Required average = (628+519+503+347+598)/5 = 2595/5 = 519

23. **Answer: (E)**

Number of printed pages:
First week = 3519
Second week = 3025
Third week = 3367
Fourth week = 2550
Fifth week = 3538

24. **Answer: (D)**

Required difference = 621-569 = 52

25. **Answer: (B)**

Total pages:
Printer B = 2665
Printer C = 2595
Difference = 2665-2595 = 70

26. **Answer: (A)**

Total sales values of Book P across all the bookstores
= 560 + 590 + 210 + 670 + 560 + 680 + 420 + 460 = 4150
Total sales value of Book S across all the bookstores
= 230 + 240 + 560 + 400 + 430 + 200 + 210 + 480 = 2750
Ratio => 2750 = 83 : 55

27. Answer: (E)
Total sales values of Book R across all bookstores
= 450 + 290 + 540 + 530 + 500 + 520 + 560 + 410 = 3800
Sales of book R from Bookstore H is 410.
% of books from Bookstore H = (410/3800)*100 = 10.789 =10.79

28. Answer: (A)
Average sales of Bookstore E = (560+820+500+430+200)/5= 502

29. Answer: (A)
Total sales of Bookstore C= 210 + 890 + 540 + 560 + 410 = 2610
Sales value of Q in Bookstore C = 890
% of Q in C = (890/2610)*100=34.099% =34

30. Answer: (D)
Total value of Bookstore D = 670 + 230 + 530 + 400 + 240 = 2070

31. Answer: D
Reqd More %=(625000-375000)/375000 *100= 66 2/3 %

32. Answer: A
Reqd Increase%= (625000-375000)/375000 *100= 66 2/3 %

33. Answer: (B)
Total sales of B in all the given months = 862500 + 337500 + 625000 + 1562500 + 350000+125000=3862500

34. Answer: (D)
From the table in Jan, March, April and May Company B has more sales value than that of Company A

35. Answer: (C)
Reqd average = 3862500/6= 643750

36. Answer: (C)
Difference between the number of MBBS students in college A and E
= 400000*(24/100)*(3/4)-400000*(12/100)*(2/3)=72000-32000=40000

37. Answer: (E)
Number of female students in College C =400000*(20/100)*(2/5)=32000
Number of female students in College D =400000*(16/100)*(3/8)=24000
Ratio = 24000: 32000 = 4 : 3
38. **Answer: (E)**

Answer cannot be given with the given data.

39. **Answer: (C)**

Number of MD students in College A = \(400000 \times \frac{24}{100} \times \frac{1}{4} = 24000\)

Number of MBBS students in College F = \(400000 \times \frac{7}{100} \times \frac{5}{7} = 20000\)

Increase % = \(\frac{24000 - 20000}{20000} \times 100 = 20\%\)

40. **Answer: (B)**

Male students in College E = \(400000 \times \frac{12}{100} \times \frac{9}{16} = 27000\)

Female students in College B = \(400000 \times \frac{21}{100} \times \frac{1}{4} = 21000\)

Percentage = \(\frac{21000}{27000} \times 100 = 77\frac{7}{9}\%\)

41. **Answer: (C)**

Required students = \((300 + 460 + 410 + 420 + 520) \times 10\%\)  
=> \(2110 \times \frac{10}{100} = 211\)

42. **Answer: (B)**

Required %= \(\frac{(320+350+300+360+340)\times 5}{(400+380+410+430+390)\times 5} \times 100\)  
=> \(\frac{1670}{2010} \times 100 = 83.08\%\)  
=> 83%

43. **Answer: (D)**

Required ratio = \(\frac{(360+480+430+460+470)\times 5}{(340+530+390+470+530)\times 5}\)  
=> \(2200/2260 = 110/113\)  
=> 110:113

44. **Answer: (A)**

Required students =\((350 + 540 + 380 + 480 + 500) \times 40\%\) = \(2250 \times \frac{40}{100} = 900\)

45. **Answer: (D)**

Required students = \(360 \times \frac{9}{10} \times \frac{3}{4} = 243\)

46. **Answer: (C)**

Required average= \(\frac{(54+48+50+54+46+38)\times 6}{290\times 6} = 48.33 = 48\)

47. **Answer: (B)**

Required percentage=\((44/46)\times 100 = 95.65\%\)

48. **Answer: (D)**

In school P = 38 + 50 + 58 + 48 + 54 + 42 = 290

Similarly,

In Q = 304

R = 288
S = 288
T = 302
U = 314

Hence, school U has the highest number of students all standards together

49. Answer: (E)

In Standards,

III=290, IV= 301, V= 286, VI=308, VII=324, VIII=277

Hence, standards VIII has the lowest number of students all school together

50. Answer: (A)

Required ratio = (58+45)/(40+45) = 103 : 85