



# 60 Most Important Data Interpretation for IBPS PO 2018

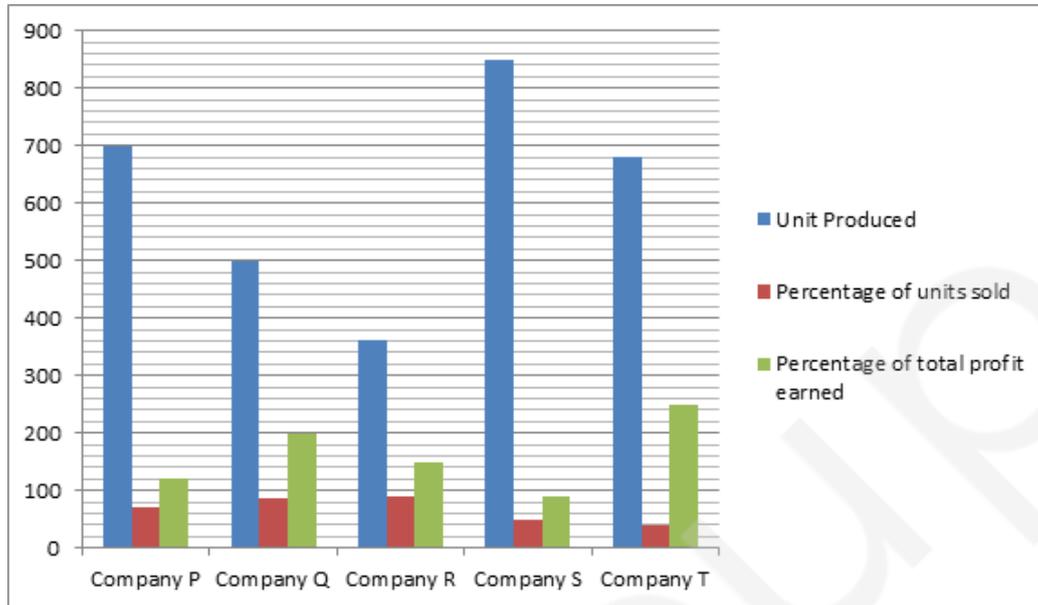
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**Direction (1-5):** Study the following table and answer the questions below. Production of sewing machine of 5 companies in august 2016 is given below with profit percentage earned by the companies on the sale and percentage of machines sold during that month.



- What is the profit earned by company T in the month of august 2016 if the cost price of one machine is INR500?
  - A. INR 3,25,000      B. INR 4,20,000      C. INR 1,36,000      D. INR 3,40,000
  - E. None of these
- What is the average selling price of the products sold by company P, Q and S, if the cost price of each unit is INR 800?
  - A. INR 862500      B. INR 1886.86      C. INR 1214200      D. INR 857800
  - E. None of these
- Which company had the highest profit on sale with respect to the production, if the C.P. of one unit is INR 500?
  - A. R      B. Q      C. T      D. P
  - E. None of these
- If the total cost price of all the units produced by company R is INR 2, 44,800 then what is the marked price of one unit if it allows a discount of 20% on sold units yet earning the mentioned profit.
  - A. INR 1850      B. INR 1700      C. INR 2125      D. INR 8500
  - E. None of these
- The total selling price of units sold by company Q and S together is approx. what percentage of the total cost price of units produced of these companies if C.P. of each unit is same?
  - A. 245%      B. 145%      C. 45%      D. 490%
  - E. None of these

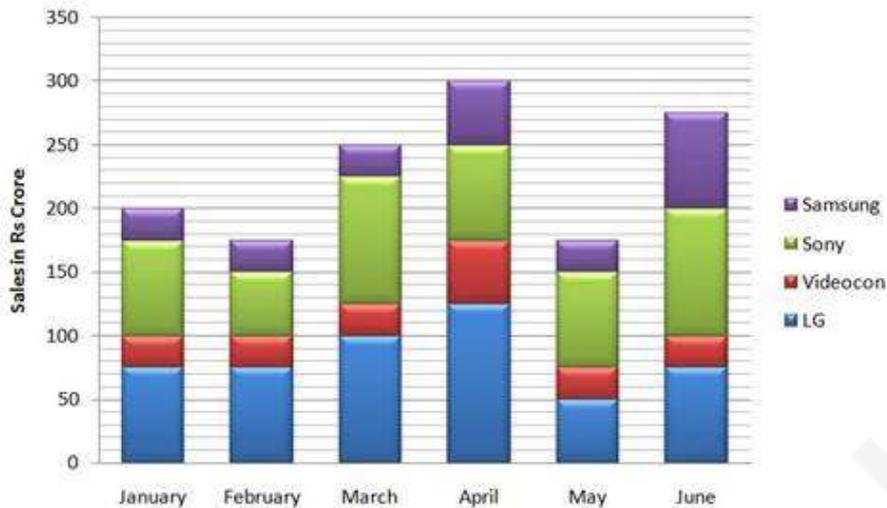
**Direction (6 – 10):** Study the Stack graph below to answer these questions.

Monthly Sales Turnover of TVs of LG, Videocon, Sony and Samsung from January to June, 2012.

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6. In which of the following month(s) is Sony's profit the highest, if it makes 25% profit on its sales turnover on each month?
  - A. January and May
  - B. May
  - C. February, May and June
  - D. March and June
  - E. January and June
7. In which of the given months is the sales turnover of LG as a percentage of the combined sales turnover of Videocon and Samsung the least?
  - A. March
  - B. June
  - C. January
  - D. May
  - E. February
8. In how many months was the sales turnover of Sony more than one-third of the total sales turnover of the four companies?
  - A. Three months
  - B. One month
  - C. Four months
  - D. All months
  - E. None of these
9. In how many months from February to June, did the sales turnover of LG as a percentage of total sales turnover of the four companies increase over that of its immediate preceding month?
  - A. Two
  - B. One
  - C. Three
  - D. Five
  - E. None of these
10. Which of the following statements must be true –
  - A. The ratio of total sales of Sony to the total sale of LG, from January to June was 19 : 20.
  - B. The sales of Samsung, as a percentage of total sales, were the same for four months.
  - C. The total sales of Videocon from January to June were approximately 12.7% of the total sales of all the four companies for the given period.
  - D. For each month, the sales of Videocon were always more than the sales of Samsung.
  - E. For A, B and D.

**Directions (11 – 15):** Study the information carefully to answer the questions that follow:  
 A school consisting of a total of 1560 students has boys and girls in the ratio of 7:5 respectively. All the students are enrolled in different types of hobby classes, viz. Singing, Dancing and Painting. One-fifth of the boys are enrolled in only Dancing classes. Twenty per cent of the girls are enrolled in only Painting classes. Ten per cent of the boys are enrolled in only Singing classes. Twenty four per cent of the girls are enrolled in both Singing and Dancing classes together. The number of girls enrolled in only Singing classes is two hundred per cent of the boys enrolled in the same. One-thirteenth of the boys are enrolled in all the three classes together. The respective ratio of boys enrolled in Dancing and Painting classes together to the girls enrolled in the same is 2:1 respectively. Ten per cent of the girls are enrolled in only Dancing classes whereas eight per cent of the girls are enrolled in both Dancing and Painting classes together.



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The remaining girls are enrolled in all the three classes together. The number of boys enrolled in Singing and Dancing classes together is fifty per cent of the number of girls enrolled in the same. The remaining boys are enrolled in only Painting classes.

11. Total number of girls enrolled in Singing is approximately what per cent of the total number of students in the school?  
A. 37                      B. 19                      C. 32                      D. 14  
E. 26
12. What is the respective ratio of the number of girls enrolled in only Painting classes to the number of boys enrolled in the same?  
A. 77:26                      B. 21:73                      C. 26:77                      D. 73:21  
E. None of the above
13. Number of girls enrolled in only Dancing classes is what per cent of the boys enrolled in the same? (rounded off to two digits after decimal)  
A. 38.67                      B. 35.71                      C. 41.83                      D. 28.62  
E. None of these
14. What is the total number of boys who are enrolled in Dancing?  
A. 318                      B. 364                      C. 292                      D. 434  
E. None of these
15. What is the total number of students enrolled in all the three classes together?  
A. 135                      B. 164                      C. 187                      D. 142  
E. None of these

**Direction (16 – 20):** Read the following information carefully and answer the questions that follow:

Maya moved to the United States to pursue her higher studies. But to be able to afford it, she has to draw a loan from a local bank. The loan agreement guaranteed to pay 80% of all her expenses. This way she only had to bear the 20% remaining costs. As soon as she landed in the United States, she had to pay the rent for her new apartment. The apartment rent was \$550 per month, which was completely paid by the bank. She then paid her tuition fee for the current semester worth \$25000. On an average she spent \$340 on utilities and groceries per month. Given that, Maya's course lasted a total of two years (comprising of 2 semesters per year), answer the following questions:

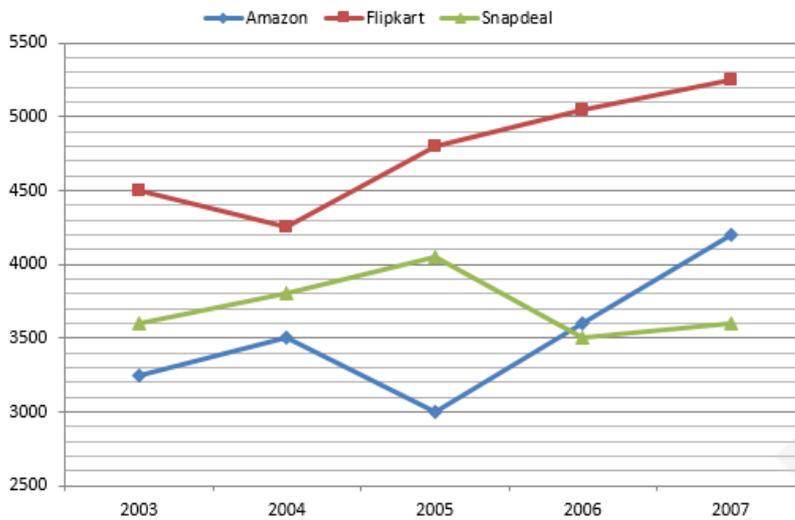
16. How much did the bank have to pay in total for two years on behalf of Maya?  
A. \$ 100302                      B. \$ 85420                      C. \$ 97088                      D. \$ 90200  
E. Cannot be determined
17. Considering a 9% simple interest rate on the total amount paid by the bank after 2 years, what was the total interest amount that Maya paid?(Assume she pays off the entire loan after 2 years of completion of course)  
A. \$ 12008.42                      B. \$ 10000                      C. \$ 12944.24                      D. \$ 16847  
E. \$ 17475.84
18. The annual amount spent on utilities is what percentage more/less than the annual amount spent on rent? (Approximate your answer)  
A. 50%                      B. 38%                      C. 30%                      D. 24%  
E. 10%
19. Maya gets an internship for a period of 3 months. The company where she'll be interning pays \$12000 per month. The utilities and rent for these 3 months is what percentage of the total amount she earns from the internship? (Approximate your answer)  
A. 7.41%                      B. 15%                      C. 2%                      D. 24%  
E. None of these
20. If for half a year Maya decides to live with her relatives, how much does she save on rent and utilities?  
A. \$ 10680                      B. \$ 2670                      C. \$ 5340                      D. \$ 890  
E. Cannot be determined



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**Direction (21 – 25):** Study the graph and answer the given questions:  
 Number of mobiles sold from three online portals in a festival sale over the years

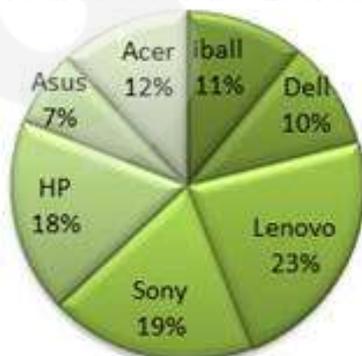


21. What is the difference between the total number of mobiles sold by Amazon & Flipkart in 2004 together and the total number of mobiles sold by Flipkart & Snapdeal in 2006 together?  
 A. 760                      B. 800                      C. 950                      D. 720  
 E. None of these
22. The number of mobiles sold by Snapdeal in 2003 is approximately what percent of the number of mobiles sold by Flipkart in 2007?  
 A. 62%                      B. 83%                      C. 69%                      D. 77%  
 E. 92%
23. What is the ratio of the total number of mobiles sold by Amazon and the total number of mobiles sold by Snapdeal in 2003, 2005 & 2007?  
 A. 78 : 109                      B. 37 : 62                      C. 123 : 157                      D. 209 : 225  
 E. None of these
24. What is the average number of mobiles sold by Flipkart in the given years?  
 A. 4770                      B. 3380                      C. 3817                      D. 4250  
 E. None of these
25. In which of the given years, the total mobiles sold by the three online portals was the second lowest?  
 A. 2003                      B. 2004                      C. 2005                      D. 2006  
 E. None of these

**Directions (26 – 30):** Study the following graph and answer accordingly:

The following pie-chart shows the production of laptops in India during the month of January 2016

**Total Production = 15878800**

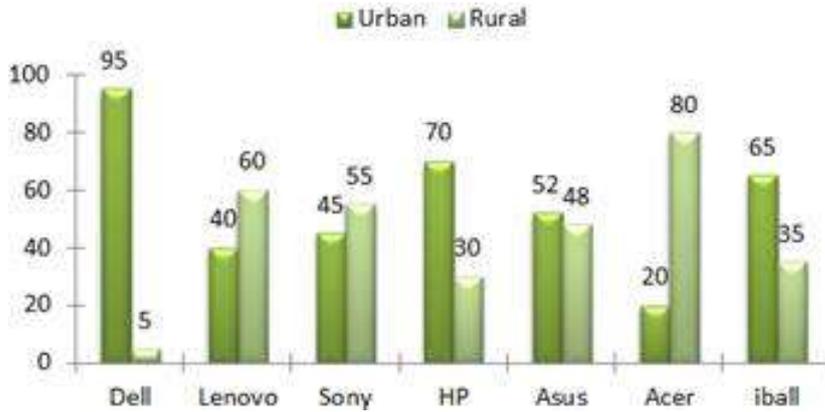


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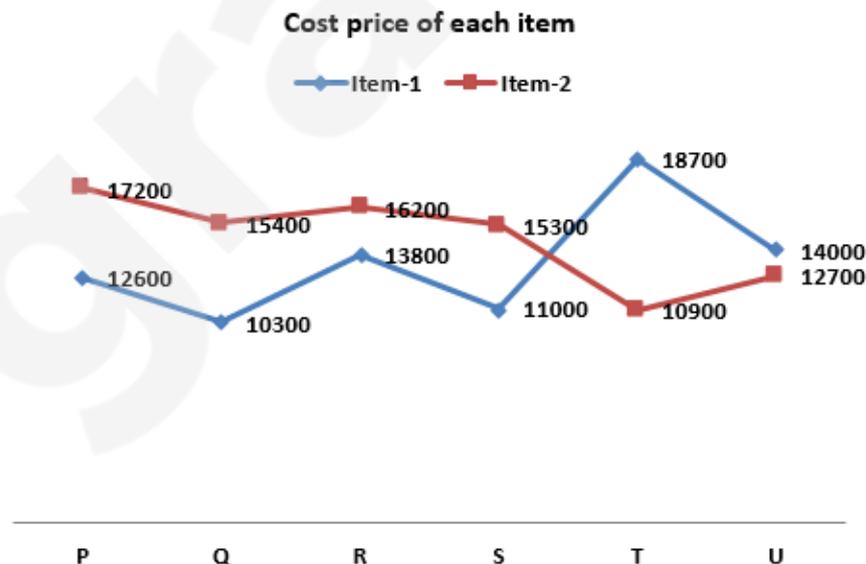
The following graph shows the percentage selling in rural areas vs urban areas



26. What is the difference between the sale of Lenovo in urban areas and that of HP in rural areas?  
 A. 693342                      B. 683702                      C. 652503                      D. 512807  
 E. 603394
27. Which company sells maximum number of laptops in urban areas?  
 A. Dell                              B. Acer                              C. HP                              D. Lenovo  
 E. Sony
28. What percent of the total number of laptop sells in rural areas?  
 A. 50%                              B. 47%                              C. 43%                              D. 41%  
 E. 39%
29. What is the difference between the sale of iball and Acer in urban areas?  
 A. 754243                      B. 754093                      C. 753843                      D. 758693  
 E. None of these
30. How many Dell laptop sells in rural areas?  
 A. 74534                              B. 75688                              C. 79834                              D. 79394  
 E. 83576

**Direction (31 – 35):** Study the following graph carefully and answer the questions given below:

Cost price of each item bought by six different persons

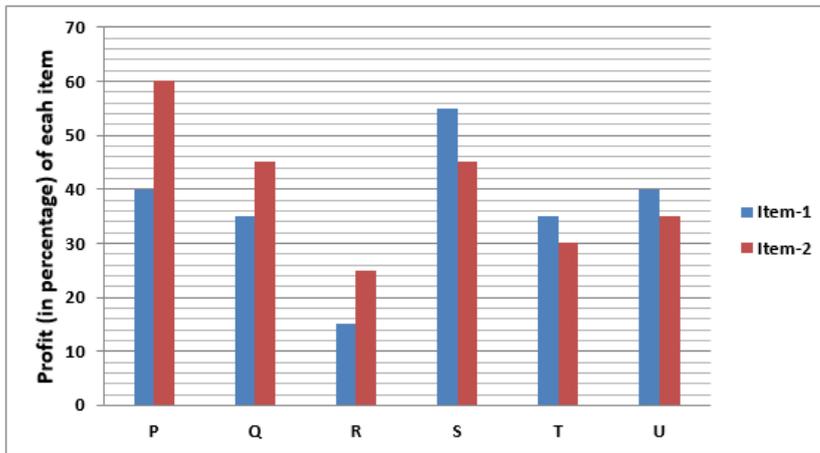


Profit (in percentage) of each item earned by six different persons

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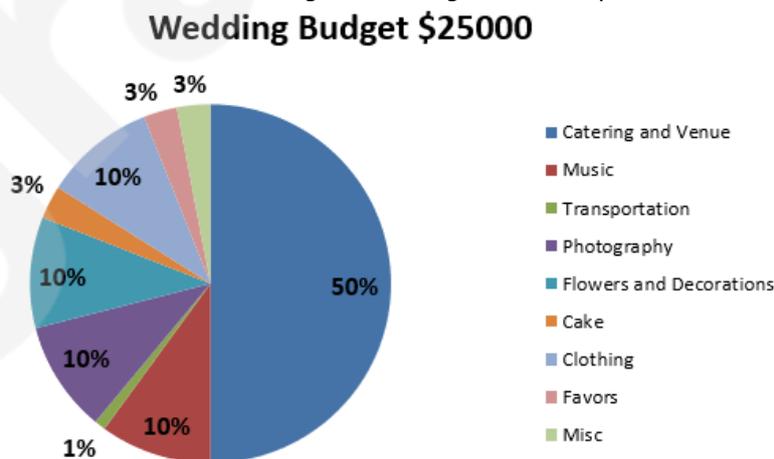
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31. Even after reducing the marked price of an item-1 by Rs. 115, person Q makes a profit, if the cost price of item-1 is given on graph, what percentage of profit would he have made if he sold the item-1 at the marked price ?  
 A. 34.32%                      B. 32.52%                      C. 30.52%                      D. 36.11%  
 E. None of these
32. What was the difference between the selling price of both item-1 and item-2 of person P to the selling price of both item-1 and item-2 of person R?  
 A. Rs. 8550                      B. Rs. 9080                      C. Rs. 9040                      D. Rs. 1040  
 E. None of these
33. Person S sold four items, he sold two item-1 at a profit (profit percentage has given in graph) and he sold two item-1 at a loss 40%, find the gain or loss in percentage in whole transaction?  
 A. 15%                      B. 38%                      C. 35%                      D. 23.8%  
 E. 7.5%
34. What is the total value of cost price of 20 items-1 of Person T and selling price of 10 items-2 of Person R?  
 A. Rs. 578500                      B. Rs. 576500                      C. Rs. 568200                      D. Rs. 524600  
 E. Rs. 456300
35. What is the ratio of selling price of item-1 of Person S and selling price of item-2 of Person Q?  
 A. 155:213                      B. 155:203                      C. 213:217                      D. 217:115  
 E. None of these

**Direction (36 – 40):** Read the following information carefully and answer the questions that follow:

The budget breakdown for a wedding has been given in the pie chart below:



36. What is the average money spent on Clothing, Favors and Catering and venue?  
 A. \$ 4280                      B. \$ 9810                      C. \$ 5250                      D. \$ 6420  
 E. \$ 8180

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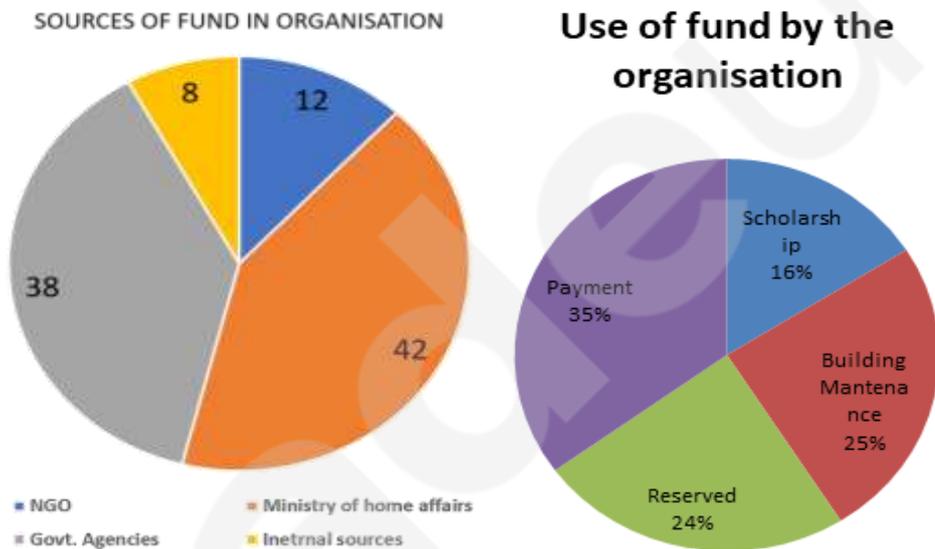
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37. What amount was spent on Photography?  
 A. \$1200                      B. \$2500                      C. \$3750                      D. \$4200  
 E. None of these
38. What is the ratio of the amount spent on Transportation to the amount spent on Favors?  
 A. 1 : 3                      B. 2 : 3                      C. 5 : 7                      D. 4 : 7  
 E. 2 : 5
39. What is the difference between the amount spent on Catering and the combined amount spent on Clothing and Cake?  
 A. \$ 8560                      B. \$ 9870                      C. \$ 10240                      D. \$ 6140  
 E. \$ 9250
40. If 12% of the money spent on Catering and Venue was to be saved, and amount spent on Decorations is increased by 2%, then how much extra money would the family save or lose?  
 A. \$ 900                      B. \$ 1450                      C. \$ 3140                      D. \$ 2250  
 E. Cannot be determined

**Direction (41 – 45):** Study the following pie-charts carefully and answer the questions given below them.

The entire fund that an organization gets from different sources is equal to Rs. 16 crore.



41. what is the difference between the fund acquired by the organization t from NGOs and that from Government Agencies?  
 A. Rs. 43268000                      B. Rs. 38650000                      C. Rs. 46800000                      D. Rs. 52860000  
 E. None of the above
42. If the organization managed Building Maintenance from the Ministry of Home Affairs fund only, how much fund from the Ministry of Home Affairs would still be left for other use?  
 A. Rs. 2.72 crore                      B. Rs. 7.23 crore                      C. Rs. 5.20 crore                      D. Rs. 3.06 crore  
 E. Rs. 8.03 crore
43. If the Scholarship has to be paid out of the fund from Government Agencies, find what is the approximate percentage of Government Agencies fund used for this purpose.  
 A. 38.6 %                      B. 31.23 %                      C. 48.3 %                      D. 52 %  
 E. 42.11 %
44. What is the total amount used by the organization for Payment?  
 A. Rs. 4.8 crore                      B. Rs. 6.3 crore                      C. Rs. 5.6 crore                      D. Rs. 9.73 crore  
 E. None of the above
45. What is the amount of fund acquired by the organization from Ministry of Home Affairs?  
 A. 6.25 crores                      B. 6.2 crores                      C. 6.72 crores                      D. 9.25 crores  
 E. None of the above

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**Direction (46 – 50):** Study the table carefully and answer the questions that follow:

Given below is a table depicting the total maximum marks for each of the five subjects and the number of students in a class who passed and failed in 5 subjects. **All the students gave all the exams.**

Some of the data is missing in the given table.

Subject	Total student	Number of students who passed	Number of students who failed
English	200	-	12
Mathematics	-	80	20
Science	100	72	-
Social studies	120	-	16
Computer	-	56	-

46. Find the difference between the number of failures in Science and number of passed in English.  
A. 120                      B. 100                      C. 140                      D. 160  
E. None of these
47. Find the total marks of Mathematics if the pass marks was 35% and the person who just passed scored 70.  
A. 160                      B. 100                      C. 200                      D. 240  
E. None of these
48. Find the average marks obtained by students who passed in computer. The total marks of computer is 60% more than the total marks of Science. Average marks obtained by students who passed is 20 more than the average marks obtained by students who failed. The sum of marks of all the students is 80% of the highest marks they could score.  
A. 122                      B. 136.80                      C. 144                      D. 126.40  
E. None of these
49. By what approx. % is the number of students who passed in English is higher than the number of students who passed in Social studies.  
A. 2%                      B. 4%                      C. 5%                      D. 6%  
E. None of these
50. What is the highest marks that a student can score in all the 5 subjects together? Use the values of previous questions.  
A. 700                      B. 800                      C. 740                      D. 780  
E. 820

**Direction (51 – 55 ):** Answer the questions using tabular Data:

The following Table is given for 4 Cabs operating from a Metropolitan on different routes for two days as given.

Cab	Data for Day Monday		Data for Day Tuesday	
	Time (Hours)	Distance (Kms)	Time (Hours)	Distance (Kms)
A	8	328	10	410
B	5	350	9	367
C	7	413	11	462
D	6	372	7	420

51. What is difference between average speed of Cab A and Cab C for entire journey (approximately)?  
A. 5 kmph                      B. 10 kmph                      C. 8.4 kmph                      D. 7.6 kmph  
E. 13 kmph
52. If Cab B travelled 390 km on Wednesday taking 13 hrs then what is average speed of this cab for entire journey?  
A. 41 kmph                      B. 42 kmph                      C. 45 kmph                      D. 44 kmph  
E. None of these



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53. Ratio of Average speed of B on Monday and Average speed of A on Tuesday is  
 A. 4:7                      B. 70:41                      C. 7:4                      D. 40:71  
 E. None of these
54. If Cab C travelled 325 km on Sunday taking 6 hrs then what is average speed of this cab for entire journey?  
 A. 55 kmph                      B. 40 kmph                      C. 50 kmph                      D. 60 kmph  
 E. 65 kmph
55. Which of the cab has got highest average for the entire journey?  
 A. Cab A                      B. Cab B                      C. Cab C                      D. Cab D  
 E. All have same.

**Direction (56 – 60):** Study the following table carefully and answer the questions that follow.

The number of candidates appeared, passed and selected in the competitive examination from five states over the years.															
State/ Years	A			B			C			D			E		
	A	P	S	A	P	S	A	P	S	A	P	S	A	P	S
2000	850	215	25	1050	245	35	990	195	28	1080	300	36	1120	240	40
2001	880	240	20	980	230	30	650	150	28	1150	320	38	960	180	26
2002	750	180	22	1120	210	28	840	180	25	995	280	42	885	177	32
2003	920	290	36	890	190	32	780	160	32	975	260	39	1040	220	30
2004	960	300	32	950	225	40	1020	220	36	888	240	32	980	280	34
2005	820	250	28	1180	200	38	930	215	35	864	216	30	900	228	24

A = Appeared, P = Passed, S = Selected

56. In the year 2000, which state had the lowest percentage of candidates selected over the candidates appeared?  
 A. A                      B. B                      C. C                      D. D  
 E. E
57. During which of the following years, the passing percentage over the appeared is the highest from state D?  
 A. 2005                      B. 2004                      C. 2003                      D. 2002  
 E. None of these
58. Total number of candidates selected from state A is approximately what percentage of the total number of candidates selected from state B?  
 A. 72%                      B. 88%                      C. 85%                      D. 75%  
 E. 80%
59. During which of the following years, the percentage of candidates selected over passed is the lowest for state B?  
 A. 2000                      B. 2001                      C. 2003                      D. 2004  
 E. None of these
60. What is the ratio between number of candidates passed and selected from state A in 2001 to that passed and selected from state E in 2004?  
 A. 130 : 157                      B. 141 : 150                      C. 130 : 167                      D. 120 : 161  
 E. None of these

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