

<u>LINE GRAPH - II</u>

Direction: Study the following information carefully and answer the given questions.

The following line graph shows the total number of monthly magazine readers (In thousands) in English and Hindi language in 6 different months in a certain city.



Note: Consider only two magazines

- Find the difference between the total number of English monthly magazine readers in January and April together to that of total number of Hindi monthly magazine readers in February and June together?

 A) 4000
 B) 6000
 C) 2000
 D) 5000
 E) None of these
- 2. Find the ratio between the total number of English monthly magazine readers in February and May together to that of total number of Hindi monthly magazine readers in January and March together?
 A) 6: 7 B) 11: 9 C) 9: 5 D) 15: 23 E) None of these
- If the ratio between the total number of male to that of female English magazine readers in March and that of Hindi magazine readers in April is 5: 3 and 7: 8 respectively, then find the difference between the total male English magazine readers in March to that of total female Hindi magazine readers in April?

 A) 5000
 B) 4000
 C) 3000
 D) 2000
 E) None of these
- 4. Find the average number of Hindi magazine readers in all the given months together? A) 18600 B) 17500 C) 16600 D) 15200 E) None of these
- 5. Total number of English magazine readers in March and June together is approximately what percentage of total number of Hindi magazine readers in April and May together?
 A) 124 % B) 92 % C) 106 % D) 138 % E) 78 %

Directions: Study the following information carefully and answer the questions given below. The given line graph shows the number of fruits sold in three different shops A, Band C.





- 6. The number of Cherry sold in C is what percent of the total number of Banana sold in A and B together? A.29.5% B.33.8% C.38.4% D.41.2% E. None of these
- What is the ratio of the average number of fruits sold in A to B?
 A.23:31 B.23:34 C.11:15 D.19:30 E. None of these
- The number of Banana, Orange and Guava together sold in A is what percent of the number of Apple, Cherry and Orange together sold in C?

 A.50%
 B.65%
 C.70%
 D.75%
 E. 60%
- 9. If the number of Mango sold by A is 40% more than the number of Guava sold in C and the number of mango sold in B is 25% more than the number of Orange sold in A and the number of Mango sold in C is 80% of the total number of Cherry sold in B, then what is the total number of Mango sold in A, B and C together?

 A.1380
 B.1440
 C.1520
 D.1600
 E. None of these
- 10. If each fruit of Apple, Orange, Banana, Cherry and Guava sold in A at Rs.30, Rs.25, Rs.15, Rs.20 and Rs.10 respectively, then find the revenue collected from shop A.
 A.Rs.22500 B.Rs.19600 C.Rs.18900 D.Rs.24600 E. None of these

Direction: Study the following information carefully and answer the given questions:

The given line graph shows the number of employees in three different department from five different companies-A, B, C, D and E in 2015.



- 11. If the number of employees in IT department in each company increased by 40% and the number of employees in Sales department in each company decreased by 20% from 2015 to 2016. Ratio of the number of male to female employees in IT department and sales department in 2016 is 3:2 and 5:3 respectively. What is the difference between the number of female employees in IT and sales department together and the number of male employees in IT and sales department together?
 A.384 B.376 C.398 D.372 E.386
- 12. What is the difference between the total number of employees in HR department from all the companies together and the total number of employees in sales department from all the companies together?
 A.100 B.150 C.200 D.250 E.None of these
- 13. If the number of employees from C, D and E in HR department increased by 10%, 20% and 20% respectively from 2015 to 2016. If the ratio of the male to female employees in HR department from C, D and E in 2016 is 2:3, 1:2 and 2:3 respectively, then what is the number of male employees in HR department from C, D and E in 2016 together is approximately what percent of the number of female employees in HR department from C, D and E in 2016 together?
 A.60% B.62% C.64% D.66% E.69%
- 14. In A, C and E ratio of the male to female employees in IT department is 7:8, 3:2 and 2:1 respectively. What is the ratio of the total number of female employees in IT department from A, C and E together to the total number of male employees in IT department from A, C and E together?
 A.11:16 B.12:19 C.17:23 D.3:4 E.None of these
- 15. What is the ratio of the total number of employees from B in all the departments together to the total number of employees from D in all the departments together?
 A.7:5 B.11:9 C.13:11 D.16:13 E.None of these



Directions: Study the following information carefully and answer the given questions. The following line graph shows the percentage profit earned by two companies A and B in six different years.



- 16. If the expenditure of company A in 2010 is Rs. 60000 and that of company B in 2013 is Rs. 150000, then find the sum of their incomes?a) Rs. 352000 b) Rs. 327000 c) Rs. 315000 d) Rs. 298000 e) None of these
- 17. If the incomes of company A and company B are same in 2014, then find the ratio of their expenditures? a) 7: 5 b) 27: 35 c) 16: 25 d) 3: 7 e) None of these
- 18. Total percentage profit earned by company A in all the given years is approximately what percentage of total percentage profit earned by company B in all the given years?
 a) 115 % b) 94 % c) 102 % d) 83 % e) 75 %
- 19. If the expenditure of company A and B in 2012 are Rs. 75000 and Rs. 120000 respectively, then the income of company B is approximately what percentage more than the income of company A in 2012?
 a) 70 % b) 50 % c) 60 % d) 65 % e) 75 %
- 20. Which of the following statement is true about company A?
 - a) Profit earned by company A is maximum in 2013
 - b) Profit earned by company A is minimum in 2015
 - c) Profit earned by company A is more than that of company B in 2011
 - e) None of these

Direction: Study the following charts and answer the following questions:

The following line graph shows the value ratio of the export to import of two companies Reliance and Samsung over the period 2011-2016.





- 21. In how many years is the import is more than the export of company Reliance?a) 0b) 1c) 2d) 3e) More than 3
- 22. If the total number of import of company Reliance for the years 2014 and 2015 was Rs 50 cr, what was the total export for the same years?a) 15 b) 32 c) 31 d) can't be determined e) None of these
- 23. In which of the following years, the difference between the export and import of company Reliance is minimum. a) 2011 b) 2013 c) 2014 d) can't be determined e) None of these
- 24. If the difference the import and export for company Samsung for the year 2013 was Rs. 50 cr. What is the export for the year 2013?a) 180 croreb) 264 crorec) 150 crorec) 146 crorec) None of these
- 25. Had the export for company Reliance in 2014 is reduced by 25% and import is increased by 25% for the same year, what is the new ratio of export to import?
 - a) 1.46 b) 1.58 c) 1.44 d) 1.64 e) None of these

Directions: Study the following information carefully and answer the questions given below:



Ratio of number of items sold by shop P to that of shop R in seven days of a week

Days	P:R			
Sunday	5:6			
Monday	13:12			
Tuesday	7:9			
Wednesday	5:4			
Thursday	4:3			
Friday	17:15			
Saturday	3:2			

Ratio of number of items sold by shop Q to that of shop S in seven days of a week

Days	Q:S			
Sunday	5:2			
Monday	31:32			
Tuesday	2:3			
Wednesday	13:15			
Thursday	11:9			
Friday	19:18			
Saturday	4:5			

- 26. Total number of items sold by shop P in all the given days together is approximately what percent of the total number of items sold by shop Q in all the given days together?
 a) 110 % b) 100 % c) 85 % d) 120 % e) 135 %
- 27. The number of items sold by shop R in Wednesday and Thursday together is approximately what percent more than the number of items sold by shop S in Thursday and Friday together?
 a) 20 % b) 40 % c) 30 % d) 10 % e) 45 %
- 28. Find the ratio between the number of items sold by shop R in Sunday, Monday and Tuesday together to that of the number of items sold by shop S in Wednesday, Thursday and Friday together?
 a) 23: 21
 b) 21: 23
 c) 22: 25
 d) 25: 22
 e) None of these

FundaMakers	5

29. Find the total	number of items sold b	y shop R in all the given	days together?	
a) 3083	b) 3830	c) 3803	d) 3038	e) None of these

30. Find the difference between total number of items sold by shop Q to that of shop S in all the given days together?a) 45b) 29c) 20d) 30e) None of these

Directions: Study the following and answer the following questions.

The following graph shows that the time taken by five persons to complete the job The following table shows that, no. of days the persons M, N, O, P, Q are employed to complete the job 'A'



Persons	Time(in days)
М	-
N	4
0	6
Р	4
Q	_

31. If the ratio of number of days for which M and Q worked on job A is 2:3, then find the difference between number of days for which M and Q worked?

day	b) 4 days	c) 3 days	d) 7 days	e) 9 days
,	, ,	, ,	, ,	, ,

- 32. If N, O and P worked on job 'A' for 2 days each and the remaining job was done by M and Q. If the ratio of number of days for which M and Q worked is in the ratio 20:17, then what is the number of days for which M worked?
 a) 10days
 b) 43days
 c) 12days
 d) 32days
 e) 22days
- 33. The persons N and O working a job 'A' alternatively for 10 days, and M and Q then worked together for x days. If 4/24 of the job still remained, then find the value of x.
 a) 9 b) 2 c) 7 d) 4 e) 6
- 34. The person P worked on job 'A' for 5 days and the remaining work was completed by M, N and Q working in alternate
days starting with M followed by N and Q in that order. What will be the remaining work after 14 days?a) 12/760b) 54/871c) 93/180d) 76/930e) 65/710
- 35. If O worked on job A with 5/4 times his given efficiency and was assisted by M on every 3rd day, then find the time taken to complete the job A
 a) 41days
 b) 18days
 c) 21days
 d) 30days
 e) 10days

Directions: The two-line graph shows the distance travelled by the five different boats with the stream and against the stream in same time and the bar chart shows speed of stream.



a) 1







- 36. Find out the speed of Boat B & D together in still water is approximately how much percentage more/less than that of speed of stream of the same boats together?
 - a) 70 % b) 170% c) 60% d) 68% e) 150%
- 37. It is known that ratio of the speed of the Boat B to Boat F in the still water is 4:5. If it's given that Boat F travels 126 km distance with the stream, and 81 km against the stream in 7 hr 30 min, what is the speed of stream for Boat F?
 a) 14
 b) 13
 c) 15
 d) 12
 e) 18
- 38. It's known that distance between the two-point M & N is 210 km. Boat E travels from point M to N and Comes back. What is the time taken by Boat E in travelling total distance?
 a) 12
 b) 14
 c) 18
 d) 17
 e) 16

39. Captain of the Boat thought of increasing the speed of Boat C and so in still water speed of boat is increased by 10% and stream also started flowing fast, increasing its speed by 20% due to wind. Find the time taken by the Boat C to cover 91km distance against the stream.
a) 7 b) 8.5 c) 3.5 d) 6.2 e) None

40. Find the ratio of the speed of Boats A and B together in still water to the speed of Boats D and E together in still water.

a) 48:55 b) 48:65 c) 43:33 d) 46:34 e) 44:34

Answer Key

1. C	2. A	3. D	4. B	5. C	6. C	7. A	8. C	9. B	10. A
11. A	12. B	13. B	14. C	15. B	16. B	17. B	18. C	19. D	20. D
21. B	22. D	23. E	24. C	25. C	26. A	27. C	28. D	29. E	30. C
31. C	32. C	33. E	34. C	35. B	36. B	37. D	38. B	39. C	40. B