#### DATA INTERPRETATION

**Directions for Q1 - Q6:** Answer the questions on the basis of the table given below.

Table: Production of Major Minerals and Metals (Million Tonnes)

Year	Aluminium	Coal	Copper	Gold	Iron Ore
2005	69	91	71	15	100
2006	75	88	75	18	120
2007	81	97	79	21	102
2008	98	107	88	25	131
2009	93	110	92	24	143
2010	99	116	97	20	154
2011	105	122	103	25	163

- 1. Which mineral/metal witnessed highest growth rate in production from 2005 to 2011?
  - A. Iron Ore
  - B. Aluminium
  - C. Gold
  - D. Copper
- 2. Which year has witnessed highest absolute increase in total production of minerals and metals?
  - A. 2006
  - B. 2008
  - C. 2011
  - D. None of the above
- 3. Highest annual growth rate in production is recorded in
  - A. Iron Ore in 2008
  - B. Gold in 2011
  - C. Aluminium in 2008
  - D. Gold in 2006
- 4. If annual average growth rate in production exhibited during 2006 to 2011 continues for next 4 years, then what will be the approximate production of aluminium in the year 2015?
  - A. 125 million tonnes
  - B. 140 million tonnes

- C. 155 million tonnes
- D. 160 million tonnes
- 5. In which year is the proportion of copper production in the total mineral and metal production the highest?
  - A. 2010
  - B. 2008
  - C. 2009
  - D. 2007
- 6. Which mineral/metal witnessed the minimum growth rate in production from 2006 to 2010?
  - A. Aluminium
  - B. Coal
  - C. Copper
  - D. Gold

### Directions for Q7 - Q10:

Answer the following questions based on the information given below.

Major Regional Trade flows in World Exports (Annual Percentage Change).

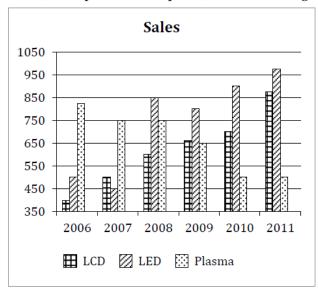
Region	Chemicals		Iron and Steel			Automotive Parts			
Region	2003	2004	2005	2003	2004	2005	2003	2004	2005
Intra-Europe	22	21	11	27	45	10	24	20	1
Intra-Asia	23	33	19	31	42	22	39	23	12
Europe to North America	19	11	6	-9	81	21	14	8	6
Intra-North America	11	18	14	4	41	23	0	9	6
Europe to Asia	18	24	8	0	16	39	0	9	-1

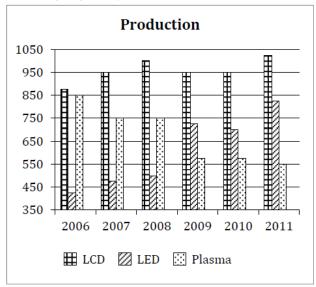
- 7. If the region-wise increase in the export growth rate of the three industries during 2003-04 is noted, \_\_\_\_\_ would be ranked second
  - A. Intra-North American iron and steel export
  - B. Intra-Europe iron and steel export
  - C. Intra-Asia chemicals export
  - D. None of the above
- 8. If the region-wise decline in the export growth rate of the three industries during 2004-05 is noted, \_\_\_\_\_ would be ranked second
  - A. Intra-Europe automotive parts export
  - B. Intra-Europe iron and steel export
  - C. Intra-Asia chemicals export
  - D. Europe to Asia chemicals export
- 9. The difference between the highest and the lowest average export growth rate during 2005 among all three industries and regions is:
  - A. 40 percent
  - B. 33 percent

- C. 29 percent
- D. None of the above
- 10. If the region-wise average export growth rates of the three industries are analyzed, \_\_\_\_\_ would be ranked second
  - A. Intra-Asia average export of chemicals during 2003-05.
  - B. Europe to North America average export of iron and steel during 2003-05.
  - C. Intra-Asia average export of automotive part during 2003-05.
  - D. Intra-North America average export of iron and steel during 2003-05.

# Directions for Q11 - Q13:

Read the information given below, analyze the following chart of Domestic sales and production of a country and answer the questions. Following charts present data about the domestic sales and production of LCD, LED and Plasma TVs produced and sold in a country (in number of units). Differences in production and sales will be bridged through external trade (i.e. exports and imports) of the TV category during a given year.



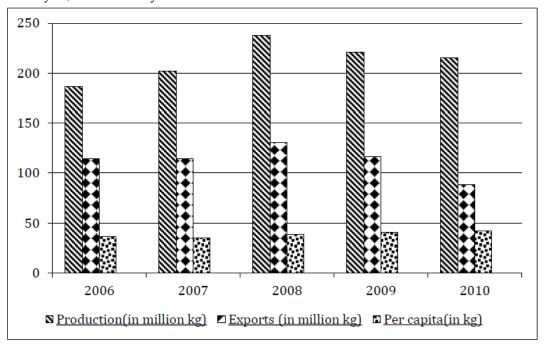


- 11. What year has registered the highest external trade in total number of TV units?
  - A. 2006
- B. 2007
- C. 2008
- D. 2010
- 12. In which year are the net exports (exports imports) of all the categories taken together the highest?
  - A. 2006
  - B. 2007
  - C. 2009
  - D. 2010
- 13. Examine the following statements
  - I. LCD TVs were always exported
  - II. Net exports of all the categories of TVs for all the years is 1275

- III. In only one year the production of plasma TVs fell short of sales Select the best option
- A. Statement I alone is correct
- B. Statement I and II are correct
- C. Statement I and III are correct
- D. All three statements are correct

### Directions for Q14 - Q17:

The following bar graph gives the production, exports and per capita consumption of rice in country A, for the five years from 2006 to 2010.



 $\begin{aligned} & Consumption = Production - Exports \\ & Per \ Capita \ Consumption = \frac{Consumption}{Population} \end{aligned}$ 

14. In which year was the percentage increase in the consumption of rice over the previous year, the highest?

A. 2007 B. 2008 C. 2009 D. 2010

- 15. What is the population of country A in the year 2008 (in million)?
  - A. 2.64 million
  - B. 2.72 million
  - C. 2.79 million
  - D. 2.85 million
- 16. The ratio of exports to consumption in the given period was the highest in the year
  - A. 2006
  - B. 2007
  - C. 2008
  - D. 2009

- 17. In which of the given years was the population of country A, the highest?
  - A. 2007
  - B. 2008
  - C. 2009
  - D. 2010

#### Directions for Q18 - Q20:

In a management institute, during the placement process of 100 students, 70 students got offers from the Finance area, 40 students got offers from the Marketing area and 30 students got offers from HR area. Of these, 20 students received offers from the Finance and Marketing areas, 15 students got offers from the Marketing and HR areas and 10 students got offers from the HR and Finance areas.

- 18. How many students received offers only from two areas?
  - A. 10
  - B. 20
  - C. 30
  - D. 40
- 19. How many students received offers from the Finance area but not from any other area?
  - A. 45
  - B. 25
  - C. 35
  - D. 15
- 20. What percentage of students received offers both from Finance and Marketing but not from HR?
  - A. 5%
  - B. 10%
  - C. 15%
  - D. 20%

#### Directions for Q21 & Q22:

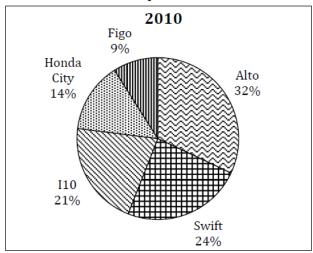
After a successful T20 cricket tournament, Indian Premier League (IPL) is interested in launching a new variant of One Day International cricket called T40 (forty overs a side game). Indian Cricket League (ICL, a rival league of IPL) also has similar thoughts. An independent agency conducted a survey of 1000 respondents to determine the consumer preference of IPL versus ICL, and preference of T20 versus T40. Unfortunately, some of the survey information is lost. Following information is available:

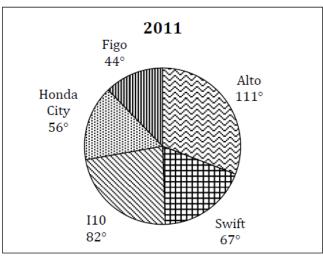
- i. 70 percent of the respondents prefer T20 over T40.
- ii. 80 percent of the respondents prefer IPL over ICL.
- iii. 80 percent of those who preferred IPL preferred T20 over T40.

- 21. Determine the number of respondents who prefer both T20 and ICL.
  - A. 640
  - B. 60
  - C. 50
  - D. 140
- 22. Determine the number of respondents who prefer both T40 and IPL.
  - A. 160
  - B. 60
  - C. 640
  - D. 140

# Directions for Q23 & Q24:

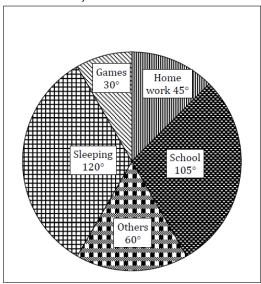
Study the following pie charts regarding to sales of 5 models of cars for the years 2010 and 2011, and answer the question.





- 23. If the 2010 sales for all car models is 80,000 and these have grown by 25% in 2011, then what is the approximate increase in the number of Figo cars sold in 2011 over 2010?
  - A. 4,860
  - B. 12,200
  - C. 4,500
  - D. 2,200
- 24. If the 2010 sales for all car models is 80,00 and these have grown by 25% in 2011, then how many models have grown more than the average growth rate for all the models taken together?
  - A. 2
  - В. 3
  - C. 4
  - D. None of the above

**Directions for Q25 - Q29:** The following pie chart shows the hourly distribution (in degrees) of all the major activities of a student.



- 25. The percentage of time which he spends in school is
  - A. 38%
  - В. 30%
  - C. 40%
  - D. 25%
- 26. How much time (in per cent) does he spend in games in comparison to sleeping?
  - A. 30%
  - B. 40%
  - C. 25%
  - D. None of these
- 27. If he spends the time in games equal to the home work and remains constant in other activities, then the percentage decrease in time of sleeping
  - A. 15%
  - B. 12.5%
  - C. 20%
  - D. None of these
- 28. What is the difference in time (in hours) spent in school and in home work?
  - A. 2
  - В. 3
  - C. 4
  - D. 8
- 29. If he spends 1/3rd time of homework in Mathematics then the number of hours he spends in rest of the subjects in home work
  - A. 1
  - B. 2

C. 3

D. 4

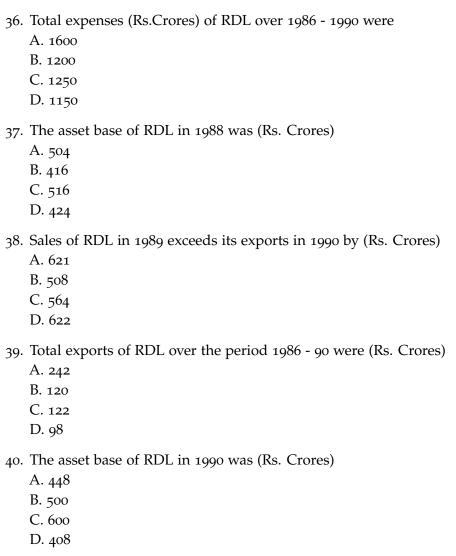
# Directions for Q30 - Q35:

Refer to the following information to answer the questions that follow. The population of a town in 1998, consisted of 45% men, 35% women and the remaining children. Of the children, 40% were females and 60% male. Of the men, 10% were over the age of 60 years and 25% below the age of 40 years. Of the women, 20% were over the age of 60 years and an equal number were under 40 years of age. The number of men increased by 4% in 1999 and that of women increased by 6%. The population of the town in 1998 was 2,00,000.

- 30. What is the number of men in 1999?
  - A. 90,000
  - B. 92,000
  - C. 93,600
  - D. 94,200
- 31. What was the number of adults above the age of 60 years in 1998?
  - A. 20,000
  - B. 23,000
  - C. 26,000
  - D. Cannot be determined
- 32. What percentage of the population in 1999 consisted of children?
  - A. 16%
  - B. 20%
  - C. 13%
  - D. Cannot be determined
- 33. What percentage of the total females in 1998 were children?
  - A. 18.6%
  - B. 20%
  - C. 15.7%
  - D. Cannot be determined
- 34. What percentage of the population in 1998 are women below 40 years of age?
  - A. 20%
  - B. 15%
  - C. 7%
  - D. None of these
- 35. What is the number of women in 1999?
  - A. 70,000
  - B. 74,200
  - C. 78,100
  - D. None of these

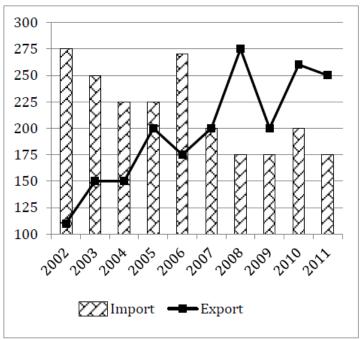
#### Directions for Q36 - Q40:

Madame Curie, an European investor, recently acquired a famous company Radioactive Decay Limited (RDL). She was browsing through the past record of RDL when she noticed that the sales of RDL have shown a steady increase (every year) of 10% over its value in 1986. The expenses of RDL have shown a steady decrease (every year) of 2% over its value in 1986. The Employee Strength of RDL has shown a steady increase (every year) of 1% over its value in 1986. The Asset Base of RDL has shown a steady increase (every year) of 3% over its value in 1986. The Exports of RDL have shown a steady increase (every year) of 10% over its value in 1986. The exports (Rs.Crores) of RDL in 1986 were 20 which was 5% of its asset base for the same year and the sales were Rs.100 crores more than its asset base. The expenses were exactly half of its sales and number of employees was 200.



#### Directions for Q41 - Q45:

Answer the following questions based on the information given below. Analyse the following chart showing the exports and imports of Sono Ltd. and answer the questions based on this chart.

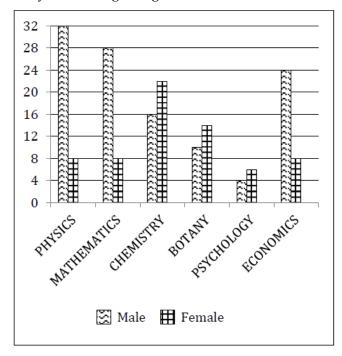


- 41. Approximately by what percentage are the total Exports greater/ smaller than the total imports for the given period?
  - A. Greater by 9 percent
  - B. Smaller by 10 percent
  - C. Smaller by 9 percent
  - D. Greater by 10 percent
- 42. If the absolute difference between imports and exports are ranked in ascending order, which year gets  $4^{th}$  rank?
  - A. 2010
  - B. 2008
  - C. 2009
  - D. None of the above
- 43. In which year was the fifth largest annual percentage increase in exports recorded?
  - A. 2007
  - B. 2005
  - C. 2009
  - D. None of the above
- 44. Which year saw the second largest annual percentage increase in imports?
  - A. 2010
  - B. 2005

- C. 2006
- D. None of the above
- 45. What is the approximate percentage point difference in the maximum annual percentage increase in export and the minimum annual percentage decrease in Imports?
  - A. 28
  - B. 48
  - C. 64
  - D. 12

# Direction for Q46 - Q50:

Study the two figures given below and answer the five items that follow:



**Figure 1:** Number of professors in selected disciplines in a University by sex

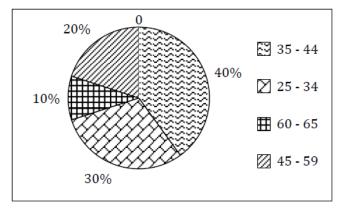


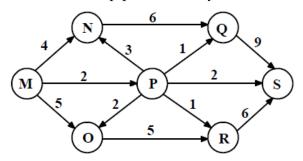
Figure 2: Age of Physics Professor

- 46. How many Physics professors belong to the age group 35 44? A. 18
  - B. 16
  - C. 14
  - D. 14
  - D. 12
- 47. Which one of the following disciplines has the highest ratio of males to females?
  - A. Physics
  - **B.** Mathematics
  - C. Chemistry
  - D. Economics
- 48. What percentage of all Psychology professors are females?
  - A. 40 %
  - B. 50 %
  - C. 60 %
  - D. 70 %
- 49. If the number of female Physics professors in the age group 25 34 equals 25% of all the Physics professors in that age group, then what is the number of male Physics professors in the age group 25 34?
  - A. 9
  - B. 6
  - C. 3
  - D. 2
- 50. If the Psychology professors in the University constitute 2% of all the professors in the University, then what is the number of professors in the University?
  - A. 400
  - B. 500
  - C. 600
  - D. 700

## Directions for Q51 - Q53:

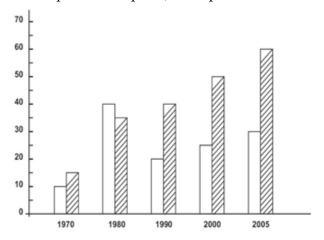
Answer the following questions based on the information given below. Natural gas once extracted from a source is purified for commercial use at natural gas plants. From gas plants it is pumped to various destinations through pipelines. There are pumping stations, at intermediate places to maintain recommended pressure in the pipelines. The pumping stations do not produce or process any natural gas. They pump out exactly the quantity they receive from plants or other pumping stations. The following figure depicts a network of natural gas pipelines. The circles denote the locations of gas plants, pumping stations or cities with big demand for natural gas. One location can be only one of these three. The numbers on the arrows are the capacities (in appropriate units) of the pipeline that carry gas in the direction of the arrow. Currently the demand supply situation is such that the capacity

utilization of the pipelines is very close to 100%.



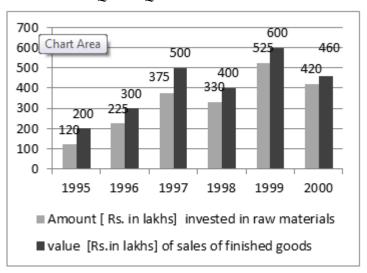
- 51. What is the maximum quantity of natural gas S can receive?
  - A. 13 units
  - B. 15 units
  - C. 16 units
  - D. 17 units
- 52. For which two cities it can be safely concluded that they have natural gas plants?
  - A. M and P
  - B. M and O
  - C. P and N
  - D. M and N
- 53. What is the maximum quantity of natural gas that can be transported from M to R?
  - A. 11 units
  - B. 7 units
  - C. 9 units
  - D. 6 units
- 54. A Retail chain has seven branches in a city namely R1, R2, R3, R4, R5, R6, R7 and a central distribution center (DC). The nearest branch to the DC is R6 which is in the south of DC and is 9 Km away from DC. R2 is 17 Km away from DC in the west. The branch R1 is 11 Km away R2 further in the west. The branch R3 is 11 Km in the north east of R1. R4 is 13 Km from R3 in the east. R5 is 11 Km in the north east of the distribution center. In the north east of R6 is R7 and distance between them is 15 Km. The distance between R1 and R6, R2 and R6, R6 and R5 is 23 Km, 19 Km, 13 Km respectively. R3 is 14 Km away from the DC in the north west direction, while R2 is also 14 Km away from R4 in the north east direction of R2. A truck carrying some goods starts from the distribution center and has to cover at least four stores in a single trip. There is an essential good that has to be delivered in the store R7, but the delivery at R7 has to be done in the end, so what is the shortest distance the truck would travel?
  - A. 55
  - B. 56
  - C. 63
  - D. 66

**Directions for Q55 - Q59:** The following bar chart gives the amount of imports and exports of a leather company over the years (Bars without lines represents Imports and Bars with lines represents Exports) in Rupees crores



- 55. When was the per cent increase in exports, over the previous 10-year, the least?
  - A. 1980
  - B. 2000
  - C. 1990
  - D. 2005
- 56. The ratio of total exports to the total of imports for all the years is
  - A. 8:7
  - B. 6:5
  - C.4:3
  - D. 8:5
- 57. Total imports for the first 2 years is what per cent of total exports for these 2 years?
  - A. 50%
  - B. 100%
  - C. 120%
  - D. 80%
- 58. For which years is the value of the total imports equal to the total exports?
  - A. 1970, 1990
  - B. 1970, 1980
  - C. 1990, 2000
  - D. 2000, 2005
- 59. The ratio of exports to imports was maximum in the year
  - A. 1990, 2000, 2005
  - B. 1900, 2005
  - C. 2000, 2005
  - D. 1970, 1990, 2000

# Directions for Q60 & Q61:



60. In which year, there has been a maximum percentage increase in the amount invested in raw materials as compared to the previous year?

A.1996

B.1997

C.1998

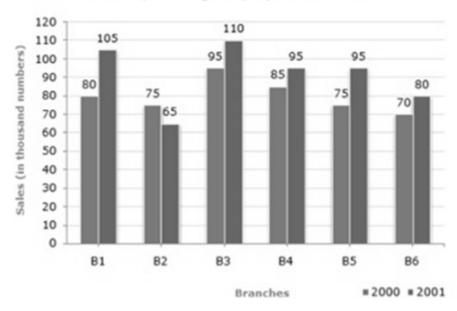
D.1999

- 61. What was the difference between the average amount invested in raw materials during the given period and the average value of sales of finished goods during that period?
  - A. Rs.62.5 lakhs
  - B. Rs.68.5 lakhs
  - C. Rs.71.5 lakhs
  - D. Rs.77.5 lakhs

## Directions for Q62 & Q63:

The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company during two consecutive years 2000 and 2001.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.



62. What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years?

A.2:3

B.3:5

C.4:5

D.7:9

63. Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years?

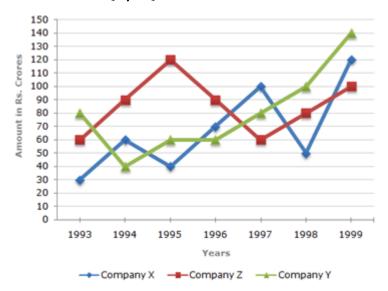
A.68.54%

B. 71.11%

C.73.17%

D.75.55%

## Directions for Q64 - Q68:

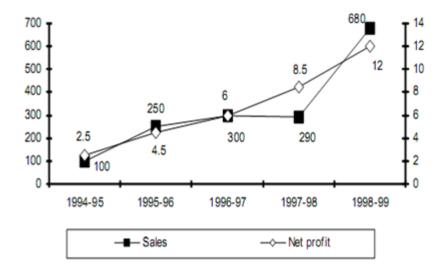


- 64. For which of the following pairs of years the total exports from the three Companies together are equal?
  - A. 1995 and 1998
  - B. 1996 and 1998
  - C. 1997 and 1998
  - D. 1995 and 1996
- 65. Average annual exports during the given period for Company Y is approximately what percent of the average annual exports for Company Z?
  - A. 87.12%
  - B. 89.64%
  - C. 91.21%
  - D. 93.33%
- 66. In which year was the difference between the exports from Companies X and Y the minimum?
  - A. 1994
  - B. 1995
  - C. 1996
  - D. 1997
- 67. What was the difference between the average exports of the three Companies in 1993 and the average exports in 1998?
  - A. Rs.15.33 crores
  - B. Rs.18.67 crores
  - C. Rs.20 crores
  - D. Rs.22.17 crores

- 68. In how many of the given years, were the exports from Company Z more than the average annual exports over the given years?
  - A. 2
  - В. 3
  - C. 4
  - D. 5

# Directions for Q69 - Q72:

The figure below represents sales and net profit in Rs. crore of IVP Ltd. for five years from 1994-95 to 1998-99. During this period the sales increased from Rs. 100 crore to Rs. 680 crore. Correspondingly, the net profit increased from Rs. 2.5 crore to Rs. 12 crore. Net profit is defined as the excess of sales over total costs.

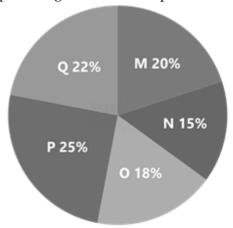


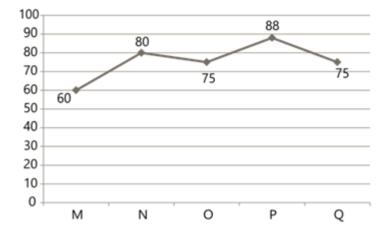
- 69. The highest percentage of growth in sales, relative to the previous year, occurred in
  - A. 1995-96
  - B. 1996-97
  - C. 1997-98
  - D. 1998-99
- 70. The highest percentage growth in net profit, relative to the previous year, was achieved in
  - A. 1998-99
  - B. 1997-98
  - C. 1996-97
  - D. 1995-96
- 71. Defining profitability as the ratio of net profit to sales, IVP Ltd., recorded the highest profitability in
  - A. 1998-99
  - B. 1997-98

- C. 1994-95
- D. 1996-97
- 72. With profitability as defined in question 3, it can be concluded that
  - A. Profitability is non-decreasing during the 5 years fm 1994-95 to 1998-99
  - B. Profitability is non-increasing during the 5 years fm 1994-95 to 1998-99.
  - C. Profitability remained constant during the 5 years fm 1994-95 to 1998-99.
  - D. None of the above

# Directions for Q<sub>73</sub> - Q<sub>77</sub>:

Pie chart shows the production of rice by 5 different factories and line chart shows the percentage of sale. Total production = 3600 kg





- 73. In which of the following factory the sale of rice is the highest?
  - A. Factory P
  - B. Factory Q
  - C. Factory M
  - D. Factory O

- 74. Rice sold by factory M and N together is how much percent more than the production of rice by factory M?
  - A. 30%
  - B. 45%
  - C. 10%
  - D. 20%
- 75. If the cost price of rice is Rs 45 per kg and profit earned by factory Q on 1 kg rice is 20% of the cost price, find the total profit earned by factory Q.
  - A. Rs 4326
  - B. Rs 5256
  - C. Rs 5346
  - D. Rs 5697
- 76. What is the ratio of rice sold by factory P and Q together to the rice sold by factory N and O together?
  - A. 71:54
  - B. 77:51
  - C. 25: 29
  - D. 69:47
- 77. What percent of total rice has been sold by all the factory?
  - A. 55%
  - B. 66%
  - C. 76%
  - D. 50%

## Directions for Q78 - Q82:

A multi-round election was conducted in which there were 5 candidates P, Q, R, S, T.

- In the first round, 60 votes were cast, and on counting it was observed that all the candidates got a different number of votes, and the results (in descending order) were T, P, R, S, Q. The last candidate, Q, who had scored 10 votes, was eliminated.
- In the second round, again 60 votes were cast. T scored the same number of votes as he had in the 1st round, and as a result was eliminated while P topped the round.
- In the third and final round, again featuring 60 votes, S managed to get 6 more votes than she did in the second round and as a result was declared the winner. P finished in second position.
- 78. How many votes did T get in the first round?
  - A. 12
  - B. 14
  - C. 15
  - D. Cannot be determined

79. How many votes did P get in the second round? A. 15 B. 16 C. 17 D. Cannot be determined 80. How many votes did S get in the second round? A. 15 B. 16 C. 17 D. Cannot be determined 81. How many votes did R get in the third round? A. 17 B. 18 C. 19 D. Cannot be determined 82. How many votes, in total, did S score across all the three rounds? A. 50 B. 49 C. 48 D. 47 Directions for Q83 - Q87: Guests staying at the Taj Vivanta choose a two- or five-day package and select on either package either accommodation only, half board or full board. On one evening the hotel has a total of 48 guests, 17 of whom have chosen the two-day package. Of the remaining guests (on the five-day package), 16 have opted for accommodation only while 3 have selected half board. Additional information: • That night a total of 21 guests had selected accommodation only. • In total, 20 guests have selected full board. 83. On the evening in question, how many guests had selected the five-day package? A. 28 B. 29 C. 30 D. 31 84. How many guests staying in the hotel that evening on the five-day package had selected full board? A. 12 B. 19 C. 20

D. 21

- 85. How many guests on the two-day package had selected accommodation only?
  - A. 5
  - B. 17
  - C. 21
  - D. Data Insufficient
- 86. Of the guests who had selected full board, how many were on the two-day package?
  - A. 1
  - B. 8
  - C. 11
  - D. 19
- 87. In total, how many guests that evening had selected half board?
  - A. 3
  - B. 5
  - C. 7
  - D. 9

### Directions for Q88 - Q91:

Five fruits—Apple, Mango, Pineapple, Guava and Strawberry—saw an increase in their price per kg from 2011 to 2014.

- The price per kg of Apple in 2011 was 66.66% that of Pineapple.
- The price per kg of Guava in 2011 was 64% that of Strawberry.
- The price per kg of Mango in 2011 was 33.33% more than that of Pineapple.
- The price per kg of Strawberry in 2011 was 66.66% more that of Apple.
- The price per kg of Mango in 2011 was 87.5% more than that of Guava.
- The percentage increase in the price of Apple over the previous year in 2012, 2013 and 2014 were 20%, 25% and 11.11% respectively.
- The percentage increase in the price of Mango over the previous year in 2012, 2013 and 2014 were 15%, 33.33% and 25% respectively.
- The percentage increase in the price of Pineapple over the previous year in 2012, 2013 and 2014 were 20%, 16.66% and 11.11% respectively.
- The percentage increase in the price of Guava over the previous year in 2012, 2013 and 2014 were 25%, 5% and 14.28% respectively.
- $\bullet$  The percentage increase in the price of Strawberry over the previous year in 2012, 2013 and 2014 were 10%, 20% and 4.5454% respectively.
- It is known that the price per kg of Pineapple in 2014 was Rs.70.
- 88. What was the average price per kg of Guava between 2011 and 2014?
  - A. Rs. 40
  - B. Rs. 40.5
  - C. Rs. 42.5
  - D. Rs. 44

89.	What percentage of the price per kg of Apple in 2014 was its price in 2012?  A. 60%  B. 64%  C. 72%  D. 80%
90.	What was the maximum increase in the price per kg of Strawberry in a year over the previous year?  A. Rs. 11  B. Rs. 8  C. Rs. 5  D. Rs. 3
91.	Which fruit recorded the maximum percent increase in price per kg in 2014 over 2011?  A. Apple B. Strawberry C. Pineapple D. Mango
	<b>Directions for Q92 - Q94:</b> Four people A, B, C and D are playing a game. Each of them starts with a different number of points. At the end of each round, one winner is declared. Each of the other three players gives exactly half his points to the winner. After three rounds, the scores for A, B, C and D respectively are 42, 12, 4 and 24.
92.	Who won the first round? A. A B. B C. C D. D
93.	Who won the second round? A. A B. B C. C D. D
94.	How many points did B have at the start of the game?  A. 14  B. 12  C. 24  D. 96

#### Directions for Q95 - Q98:

Survey IT conducted a survey of employees with 2-3 years of work experience in the IT industry. Every one of the respondents was proficient in one or more of the languages Python, C++ and Java. The following data was noted:

- In all there were 80 respondents.
- 45 respondents were proficient in Python, 42 in C++ and 38 in Java.
- The average salary of all the respondents was Rs. 9.5 lakhs.
- Fewer than 10 people were proficient in all 3 languages.
- Among those proficient in exactly two languages, the number proficient in only C++ and Java was 25% less than the number proficient in only Python and C++, which in turn was 50% more than the number proficient in Python and Java.
- The average salary of the respondents who were proficient in exactly two languages was Rs. 10 lakhs while that of those who were proficient in all 3 was Rs 15.75 lakh.
- 95. How many respondents were proficient in only Python?
- 96. How many respondents were proficient in Java but not C++?
- 97. What was the average salary, in Rupees, of the respondents who were proficient in exactly 1 language? (In Lakhs)
- 98. If the average salary of the respondents who were proficient in only Python and Java was Rs. 9.4 lakhs and that of the respondents who were proficient in only C++ and Java was Rs. 9.2 lakhs, what was the average salary, in lakhs of Rupees, of the respondents who were proficient in only Python and C++? (In Lakhs)