

Line Charts – Class 2

Q1. Which of the given trusts showed the maximum change in expenditure over the previous year in the given period of time?

- 1) Trust D in 2012
- 2) Trust C in 2012
- 3) Trust B in 2013
- 4) Trust D in 2013

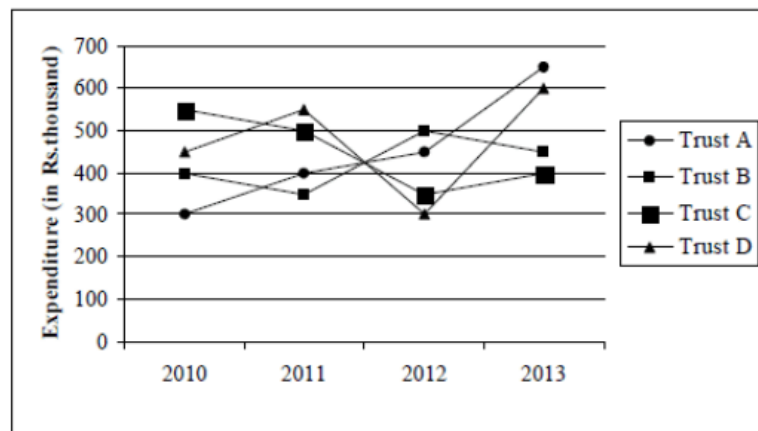
Q2. What was the ratio of amounts spent by trust B on bills and trust C on food in the year 2013 ?

- 1) 3 : 5
- 2) 5 : 8
- 3) 3 : 8
- 4) 1 : 2

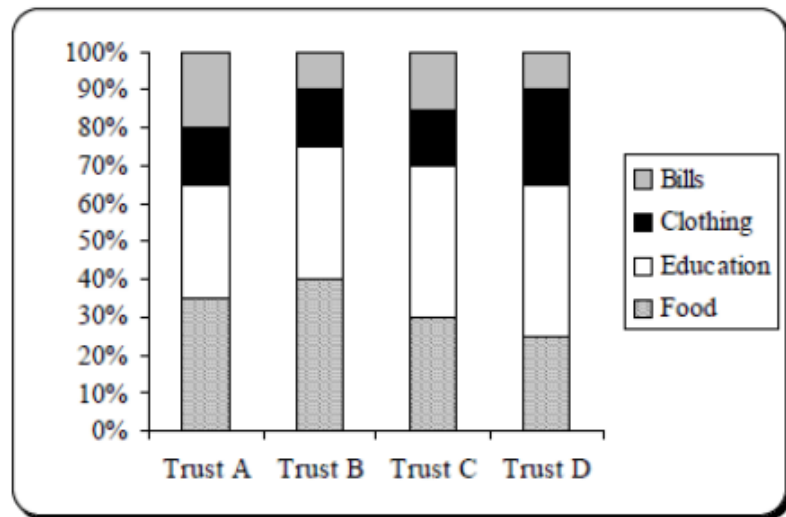
Q3. _____ spent the maximum amount on clothing in the year 2013.

- 1) Trust A
- 2) Trust B
- 3) Trust C
- 4) Trust D

The line graph shows the total expenditure (in Rs. thousand) of four charitable trusts from the year 2010 to 2013.



The bar graph shows the percentage shares of bills, clothing, education and food in the expenditure list of all the trusts in the year 2013.



The following graphs show the production of four metals viz; aluminium, copper, zinc and lead in the years 2009 to 2014.

Q1. The total metal production in 2013-2014 exceeded that in the year 2009-2010 by:

- 1) 1.5% 2) 4.3% 3) 8.5% 4) 13%

Q2. The metal which showed the highest percentage increase in production in 2011-12 over the previous year was

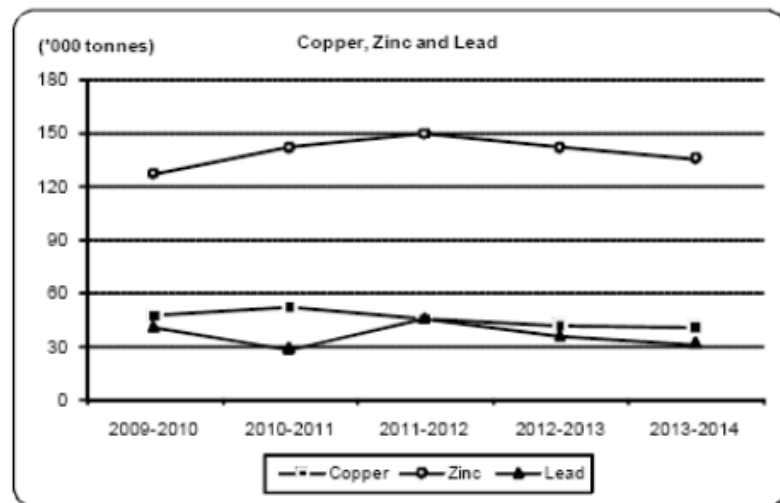
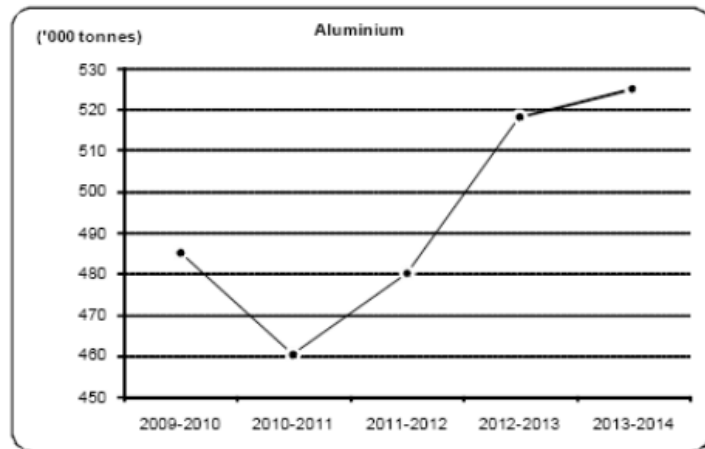
- 1) Copper 2) Zinc 3) Aluminium 4) Lead

Q3. In 2011-2012, by how much percentage did the production of aluminium exceed the combined production of the remaining three?

- 1) 400% 2) 300% 3) 200% 4) 100%

Q4. The share of lead in the total metal production in 2012-2013 as compared to its share in 2009-2010 has:

- 1) increased
2) decreased
3) remained the same
4) Cannot be determined



Following bar graph gives power generating capacity (in 1000s MW) in India over the years while the line graph gives per capita power consumption in units of power in India over the years.

Per capita power consumption is defined as the ratio of units of power consumed in a given year to population of country in the same year

Q1. Which year showed the highest percentage increase in generating capacity over the generating capacity 10 years back?

- 1) 1960-1961 2) 1970-1971 3) 1990-1991 4) Cannot be determined

Q2. At 100% efficiency, total 87.6 lakh units of power can be produced from 1MW power generation capacity in one year. At what efficiency did the power plants in India generate power in 2010-11 if population of India was 120 crores in 2010-11? (Assume plant produced only as much power as was required by the population of India)

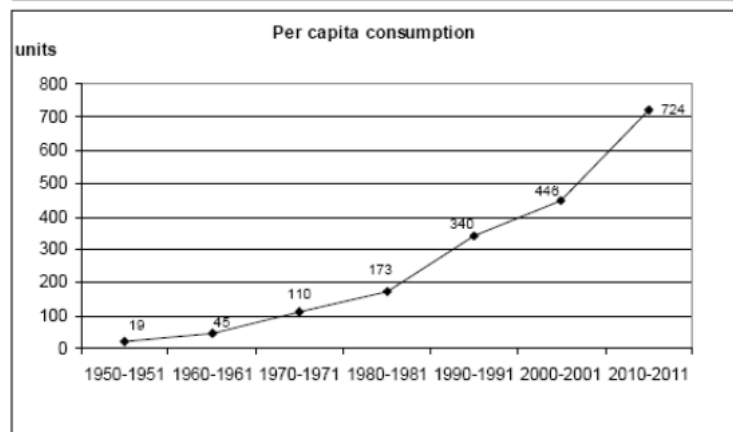
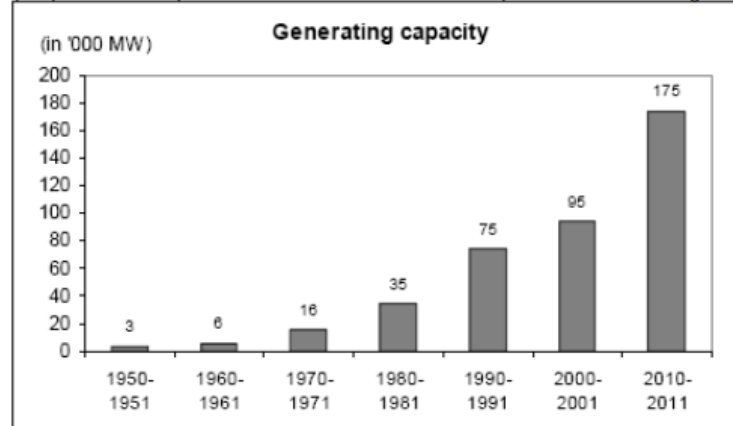
- 1) 50% 2) 57% 3) 65% 4) 75%

Q3. What was the highest percentage increase in per capita power consumption in a year over per capita power consumption 10 years back in the period between 1980-81 and 2010-11?

- 1) 91% 2) 93% 3) 96% 4) 99%

Q4. Among which of the following years the population of India was the maximum? (The power is generated at full capacity in all the years and it perfectly meets the power requirements of the country.)

- 1) 1950-1951 2) 1970-1971 3) 1990-1991 4) 1960-1961



The line graph and pie chart given below provide information about the prisoners in jails in the state of Maharashtra. The line graph is a scaled graph for the number of prisoners, equating number of foreign prisoners and Indian prisoners in 2009 to 100 each. The actual number of foreign prisoners and Indian prisoners in 2009 was 5388 and 59074 respectively.

Q1. What is the approximate ratio of Indian prisoners to foreign prisoners in jails in the state of Maharashtra in the year 2011?

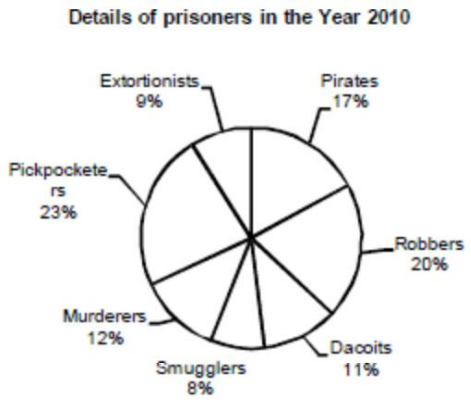
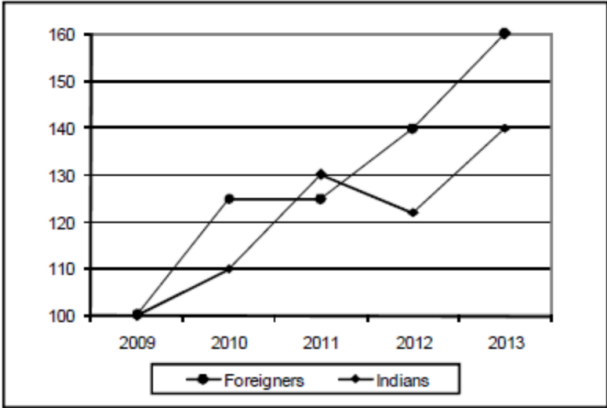
- 1) 13.4 : 1
- 2) 11.4 : 1
- 3) 9.7 : 1
- 4) 15.2 : 1

Q2. If the number of Murderers increases by 20% and that of dacoits decreases by 8% in the year 2012 with respect to the year 2010, then what percent of prisoners in jails in the state of Maharashtra are murderers or dacoits in 2012?

- 1) 18%
- 2) 20%
- 3) 22%
- 4) 24%

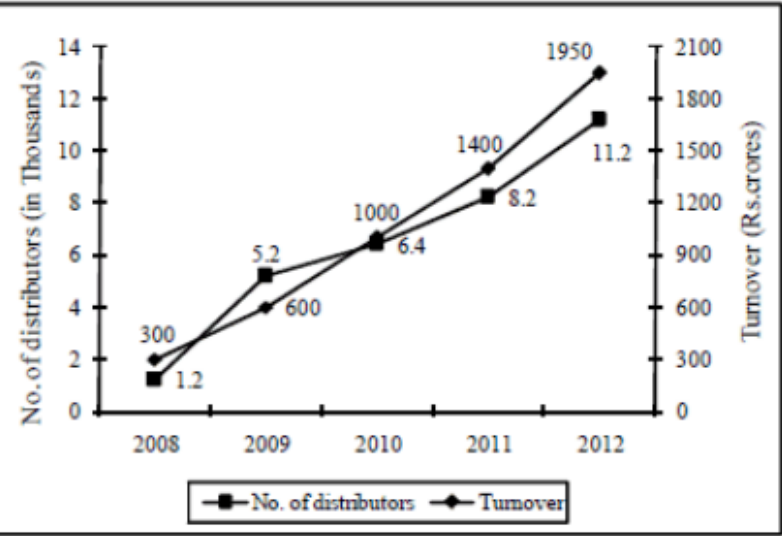
Q3. In the year 2014, if the number of foreign prisoners increases by 30% and that of Indian prisoners decreases by 45% with respect to the year 2013, then what is the percentage increase/decrease in the total number of prisoners present in jails in the state of Maharashtra with respect to the year 2009?

- 1) 8%
- 2) 25%
- 3) 19%
- 4) 12%



DIRECT SELLING BUSINESS

Following line graph shows total turnover (in Rs. crores) and number of distributors (in thousand) of direct selling business in India between 2008 and 2012. A distributor sells products of only one company. The turnover of each company is only through the products sold by the distributors.



Following table shows the turnover (in Rs. crores) and number of distributors (in thousands) of top four companies in direct selling business in 2012.

Rank Company		Turnover in 2012 (in Rs. Crores)	No. of distributors in 2012 (in thousands)
1.	Wamay	472	3.65
2.	Codimare	165	4.95
3.	Nova	110	0.68
4.	Balife	78	0.2

Q1. If Wamay and Nova were the only companies in the direct selling business in India in 2008 with the Wamay market share three times that of Nova, then what is percentage growth in Nova's turnover during the 2008 to 2012 period?

- 1) 10% 2) 15.6% 3) 35% 4) 46.7%

Q2. Which of the following is definitely false?

- 1) In the year 2012, the average turnover per distributor is maximum for Balife .
2) Top 4 companies together have more than 80% of total number of distributors in the direct selling business in India in 2012.
3) There are not more than 18 companies in direct selling business in India in 2012.
4) None of these

Q3. During which year, the average turnover per distributor has shown maximum percentage increase over the previous year?

- 1) 2009 2) 2010 3) 2011 4) 2012