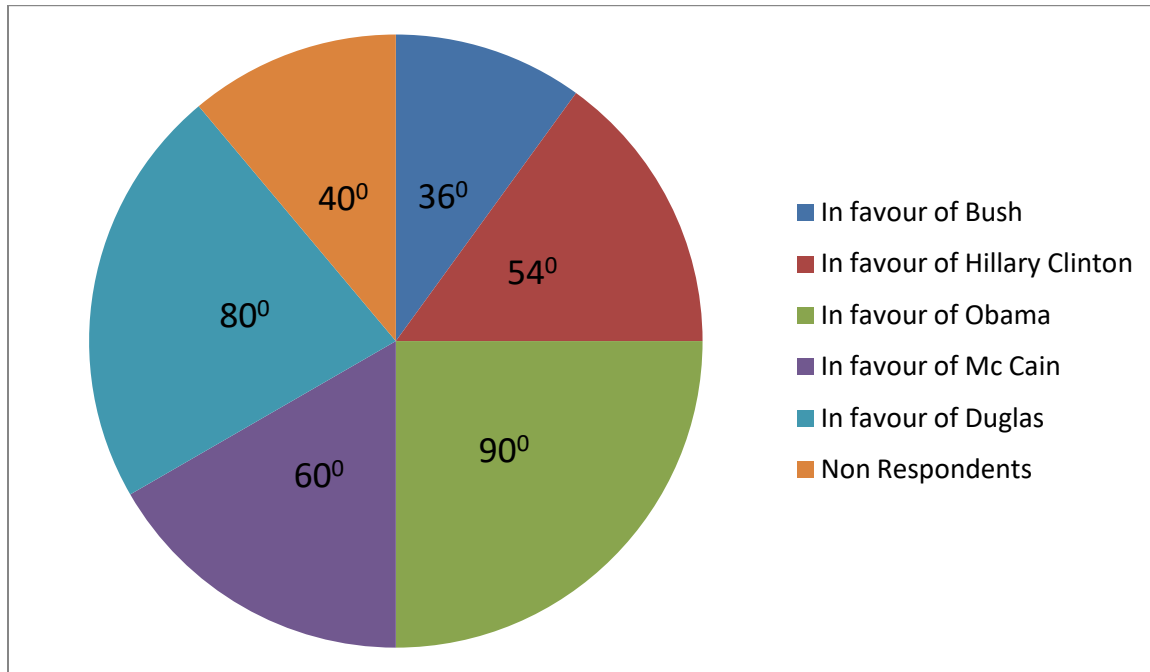The following Pie chart represents the number of people in USA surveyed by a famous magazine in an opinion poll for "The most favorable person of the year". The total number of people surveyed is 153000.

1. It was later found out that 10% of the people who were in the favour of Obama are not the people of US origin and were ignored. If a new pie chart was drawn for all the remaining people, what is the new angle representing the people who were in favour of Obama?
A] 83^0 B] 85^0 C] 91^0 D] 67^0

2. In the survey, 20% of the people who favoured Hilary Clinton were from Florida. The number of People who were surveyed from Florida is?
A] 1000   B] 6750   C] 8414   D] cannot be determined

3. After a public address, 20% of the people who favoured Obama favoured Hilary Clinton in the opinion poll while all others remained the same. Find the total number of people who are in favour of Hilary Clinton.
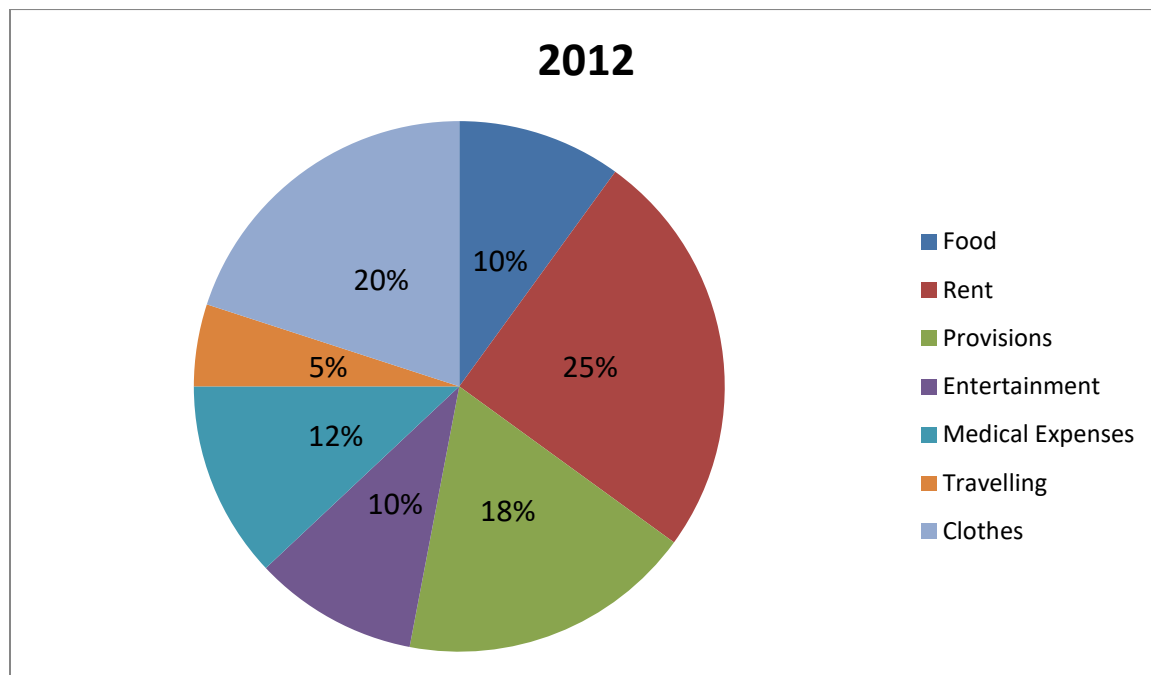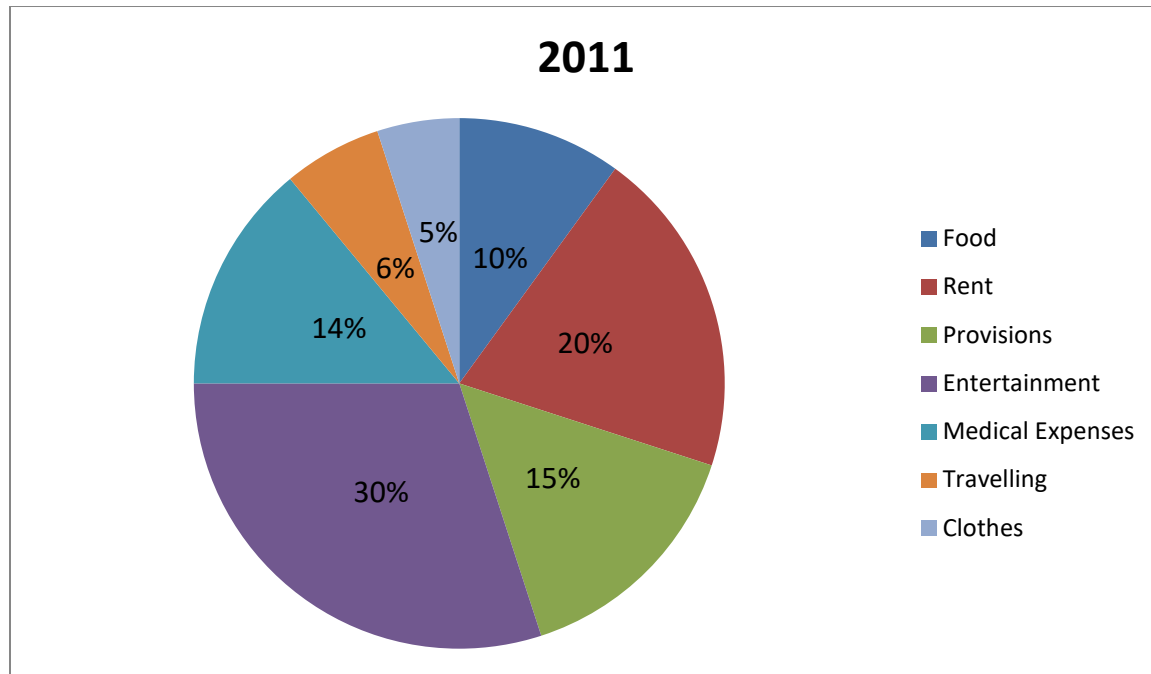A] 44000   B] 24800   C] 30600   D] 36400

4. If the people who supported Obama were under reported by 25%, now this mistake is rectified then what is the % share of Mc.Cain after the correction?
A] 15.3%   B] 18.9%   C] 10.6%   D] Cannot be determined

5. If in the next survey it was found that 25% people who supported Duglas started supporting Obama and all other remained constant now what is the angle made by Obama supporters
A] 110^0 B] 120^0 C] 125^0 D] 150^0

The pie chart gives the distribution of monthly expenditure of Mr. Shyamlal in two years. Monthly Expenditure in 2011 is Rs. 12500 and in 2012 is Rs. 17500.

2011

Legend:
- Food
- Rent
- Provisions
- Entertainment
- Medical Expenses
- Travelling
- Clothes

Values: 10%, 20%, 15%, 30%, 14%, 6%, 5%

2012

Legend:
- Food
- Rent
- Provisions
- Entertainment
- Medical Expenses
- Travelling
- Clothes

Values: 10%, 25%, 18%, 10%, 12%, 5%, 20%

1. What is the percentage increase in Mr. Shyamlal's expenditure on provisions from 2011 to 2012?

A] 20%   B] 68%   C] 16.66%   D] 40%

2. The expenditure under which of the following heads has shown the highest percentage (increase/decrease) from 2011 to 2012?

A] Entertainment   B] Rent   C] Clothes   D] Travelling

3. Under How many heads has the expenditure increases by more than 25% from 2011 to 2012?

A] 3   B] 4   C] 5   D] 6

4. In 2013, the combined expenditure on food, rent, provisions and entertainment decreased by 20%, while the combined expenditure on travelling, medical expense and clothes increased by 10%. Find the combined share of the expenditure on food and clothes?

A] 12.25%   B] 31.*%   B] 16.5%   D] Cannot be determined.

Additional Information for Q5, Q6 and Q7. The distribution of the expenditure of Shyamlal in 2013 is the same as that in 2012.

5. In 2013, if the medical expenses of Shyamlal are 20% more than that in the year 2011, then what is the percentage increase in the expenditure on travelling from 2012 to 2013?

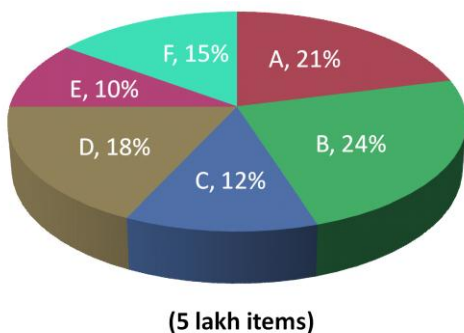A] 50/3%   B]100/3%   C] Cannot Say   D] None of these

6. In 2013, the expenditure on food increased by 20% over that of 2011, find the percentage increase on provisions from 2011 to 2013?

A] 20%   B] 25%   C] 44%   D] Cannot be determined

7. In 2013, the expense on clothes increased by 25%, and rest all remains same then what is the new angle formed by food in the new pie chart of 2013 of Shyamlal expense(approx) in degree?

A] 50   B] 44   C] 68   D] 72

There are six companies which produce a particular item in two models M_1 and M_2. These companies produce 5 lakhs items. The given pie-chart shows the percentage distribution of the total items produced and the table shows the ratio of model M_1 to M_2 produced by these companies and their percentage sale.

(5 lakh items)

Company	Ratio $M_1 : M_2$	% sale M_1	% Sale M_2
A	4 : 3	48%	45%
B	3 : 5	60%	54%
C	2 : 1	75%	65%
D	4 : 5	55%	70%
E	3 : 2	50%	60%
F	8 : 7	45%	65%

1. What is the total number of model M2 items sold by Company A?
A. 19750   B. 20250   C. 21450   D. 22500 E. None of these

Q2. Find the revenue generated by Company C which sells model M2 at a cost of Rs. 115?
A. 11.25 lakh   B. 12.45 lakh   C.13.75 lakh   D. 14.95 lakh E. None of these

3. The total number of model M2 items sold by Company E is what percent of the total number of model M1 items sold by Company C?
A. 30%   B. 35 %   C. 40%   D. 45 %   E. 50%

4. What is the difference between the total number of model M2 items sold by Company F and the total number of model M1 items sold by Company D?
A.750   B. 800   C. 850   D. 900   E. 950

5. What is the total number of unsold items of model M1 and M2 of Company B?
A.50000   B. 52500   C. 55000   D. 57500   E. 60000