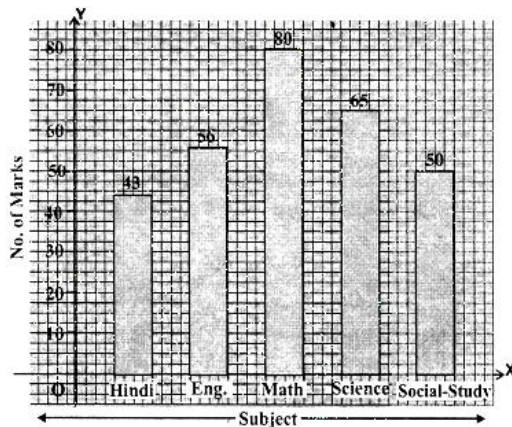


Exercises – 22

Q. 1

**Solution:**

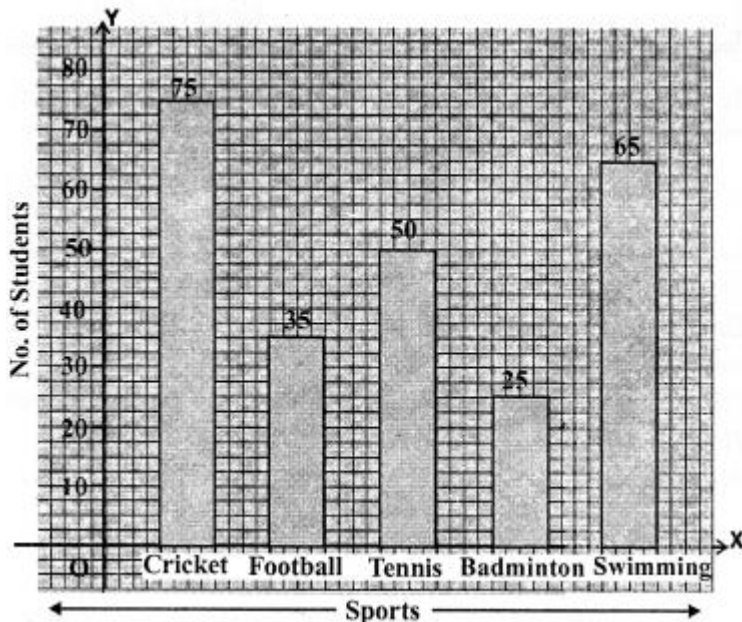
- (i) Draw a horizontal line OX and a vertical line OY on the graph representing x-axis and y-axis.
  - (ii) Along OX, mark subjects and along y-axis, mark, number of marks
  - (iii) Take one division = 10 marks.
- Now we shall draw bar graph as shown.



Q. 2

**Solution:**

- (i) Draw a horizontal line OX and a vertical line OY on the graph paper. These two lines represent x-axis and y-axis respectively.
- (ii) Along OX, write sports and along OY, number of students choosing on division equal to 10 students.
- (iii) Now draw the bars of various heights according to the no. of students as shown on the graph.

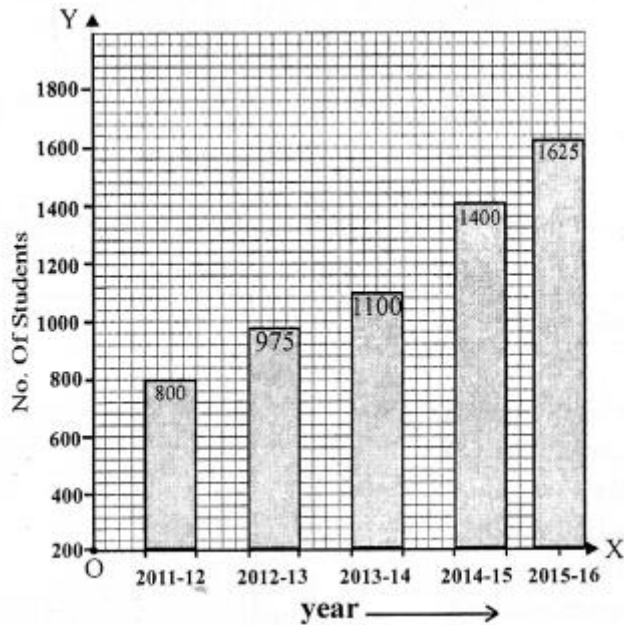


**Question 3.**

**Solution:**

- (i) Draw a horizontal line OX and a vertical line OY. These represent x-axis and y-axis respectively on the graph paper.
- (ii) Along OX, write years and along OY, no. of students choosing one division = 200 students.
- (iii) Draw bars of various heights according to the number of students given.

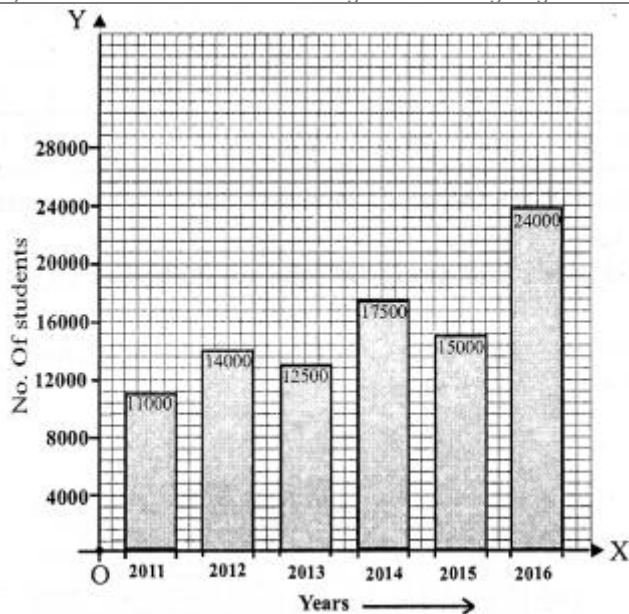
This is the required bar graph as shown.



#### Question 4.

##### Solution:

- Draw a horizontal line OX and a vertical line OY which represent x-axis and y-axis respectively on the graph.
- Along OX, write years and along OY, no. of scooters
- Choose 1 division = 300
- Now draw bars of different heights according to given data as shown on the graph.

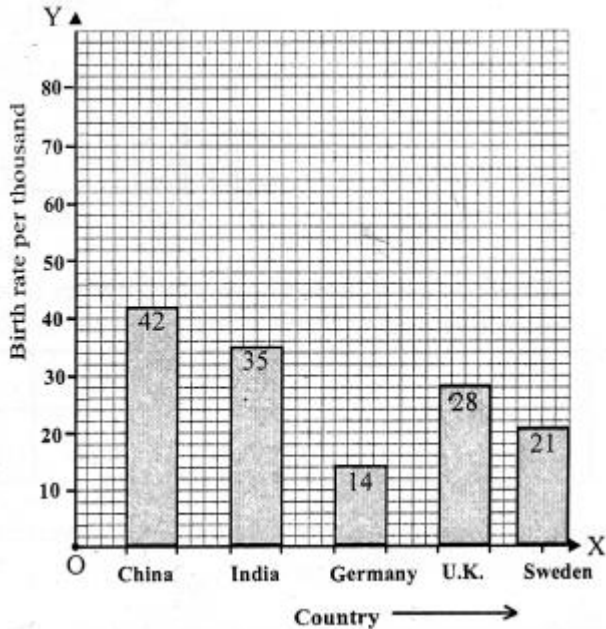


#### Question 5.

##### Solution:

- Draw a horizontal line OX and a vertical line OY representing x-axis and y-axis respectively on the graph paper.
- Along OX write countries and along OY, take Birth rate per thousand.
- Choose 1 division = 10.

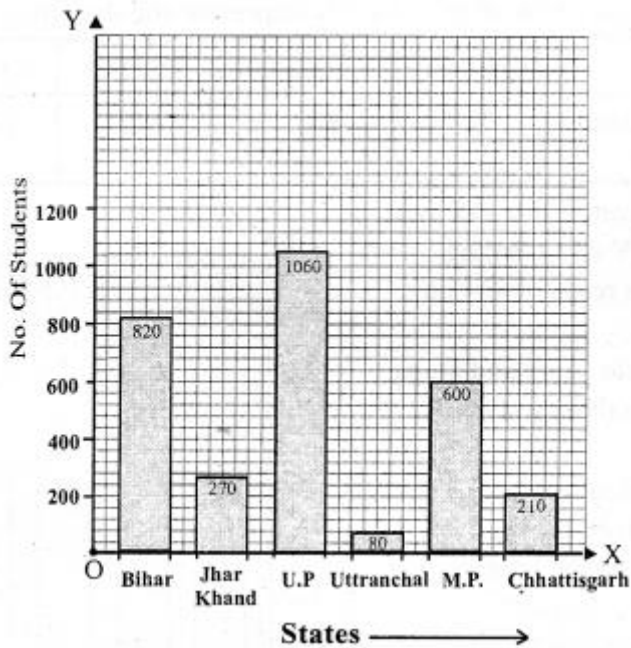
(iv) Now draw bars of different heights according to the given data as shown on the graph.



#### Question 6.

##### Solution:

- Draw a horizontal line OX and a vertical line OY representing x-axis and y-axis on the graph paper.
- Along x-axis write states and along y-axis population in lakhs.
- Choose one division = 200 (Lakhs)
- Draw bars of different heights according to the data given as shown on the graph.

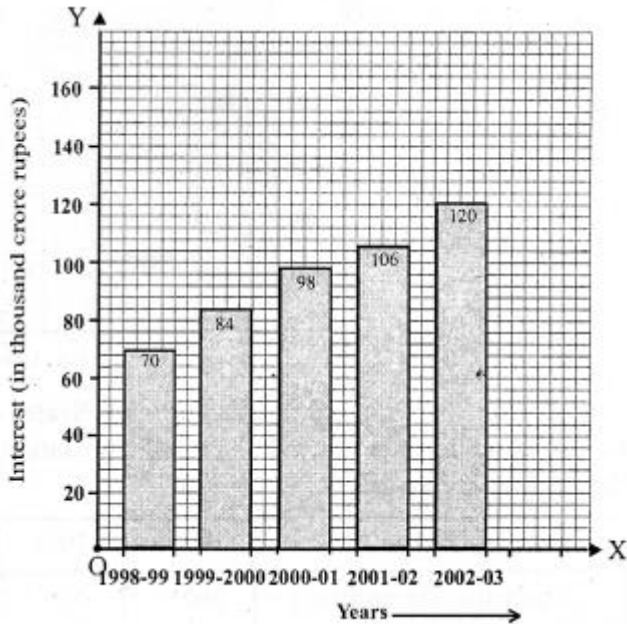


#### Question 7.

##### Solution:

- Draw a horizontal line OX and a vertical line OY representing x-axis and y-axis respectively on the graph paper.
- Along x-axis write years and along y-axis Interest in thousand cores rupees.
- Choose one division = 20 thousand crore rupees.

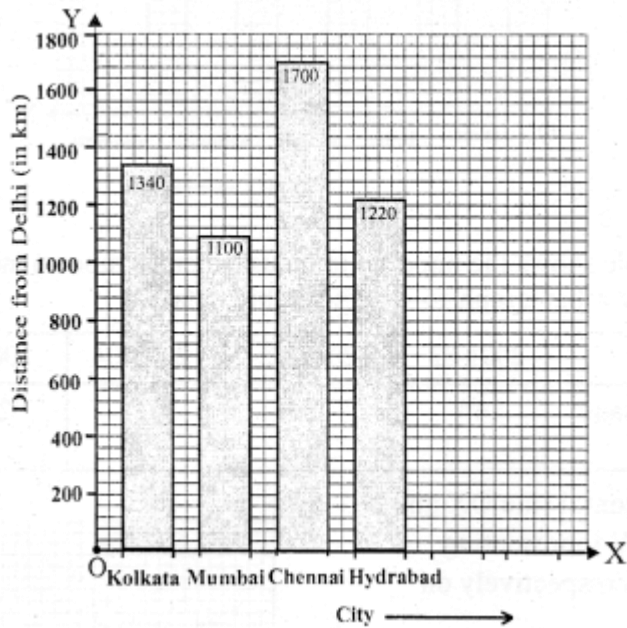
(iv) Draw bars of different heights according to the given data as shown on the graph.



#### Question 8.

##### Solution:

- Draw a horizontal line OX and a vertical line OY representing x-axis and y-axis respectively on the graph paper.
- Along x-axis, write city and along y-axis the distance (in km).
- Choose one division = 200 km.
- Draw bars of different heights according to the given data as shown on the graph.

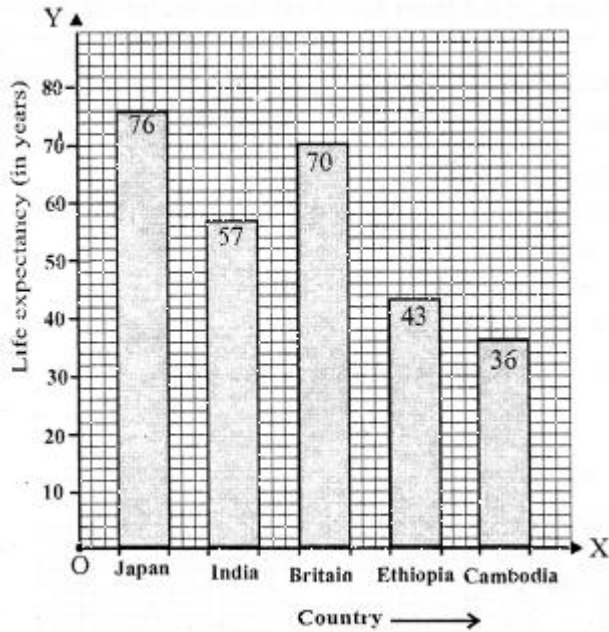


#### Question 9.

##### Solution:

- Draw a horizontal line OX and a vertical line OY represent x-axis and y-axis respectively on the graph paper.
- Along x-axis write countries and along y-axis life expectancy (in years)
- Choose one division = 10 years

(iv) Draw bars of different heights according to the given data as shown on the graph.



**Question 10.**

**Solution:**

- (i) Draw a horizontal line OX and a vertical line OY representing x-axis and y-axis respectively on the graph paper.
- (ii) Along x-axis write years and along y-axis imports in thousand crores rupees.
- (iii) Choose one division = 50 thousand crore rupees.
- (iv) Draw bars of different heights according to the given data as shown on the graph.

