

Mathematics
Class - VII, Ch - 03, Data - Handling,
"Exc - 3.3"

Q.1. Sol.

- (a) Cat is the most popular pet.
(b) 8 children have dog as pet.

Q.2. Sol.

- (i) In 1989 about 200, 1990 about 500 and in 1992 about 250 books were sold.
(ii) In 1990 about 475 books were sold. In 1992 about 225 books were sold.
(iii) In the years 1989 and 1992 fewer than 250 books were sold.
(iv) From the bar graph, it is clear that number of books sold in 1989 is 200.

Q.3. Sol.

- (a) One small unit = 10 students
(b) (i) Maximum number of

Students are in fifth class and minimum numbers of students are in tenth class.

(ii) Ratio = $\frac{\text{No. of students in sixth class}}{\text{No. of students in eighth class}}$

Bar graph = $\frac{120}{100} = \frac{6}{5}$ or 6:5

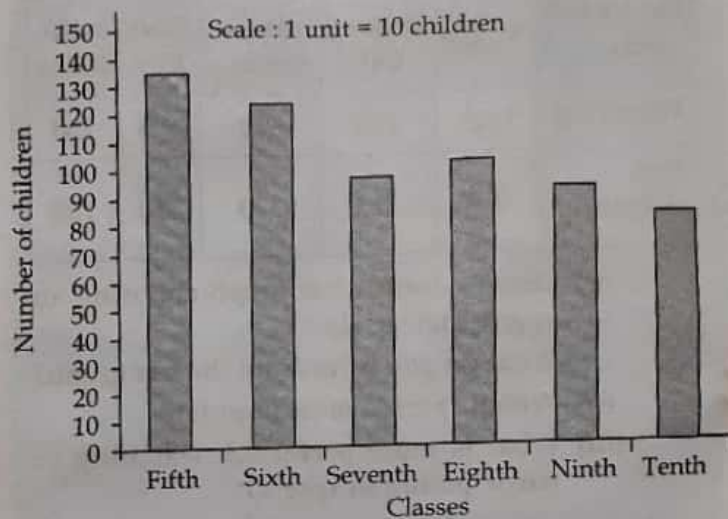
is drawn

by you

in graph

copy

clearly.



We can draw bar graph in this way.

Q.4. Sol.

(i) In Mathematics child improved his performance the most.

(ii) In Science, the improvement is the least.

(iii) His performance has gone down in Hindi.



Q.5. Sol.

(i) Double Bar Graph.

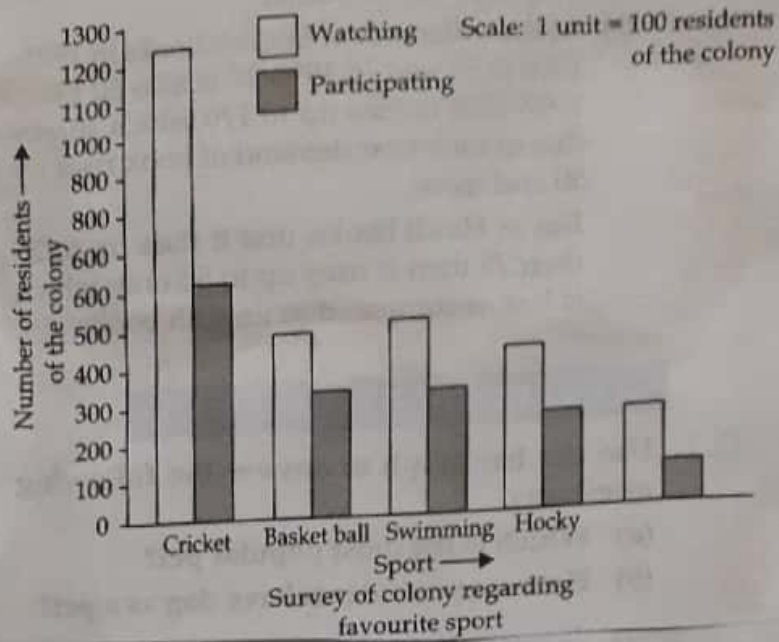
Bar-graph

is drawn

by you

in graph

copy clearly.



(ii) Cricket is the most popular
in watching as well as participating

(iii) Most preferred in watching
sports.

Q.6. Sol.

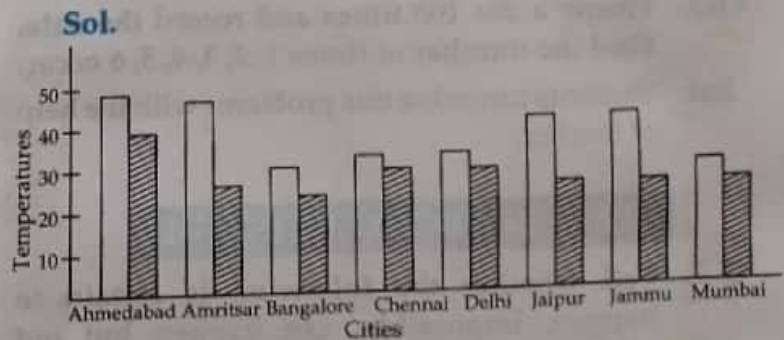
Bar-graph

is drawn

by you

in graph

copy clearly.



- (i) Jammu is the city in which there is largest difference in minimum and maximum temperature.
- (ii) Jammu is hottest city (41°C) and Bangalore is coldest city (21°C).
- (iii) Bangalore and Jaipur or Bangalore and Ahmedabad.
- (iv) Mumbai (5°C).