

84. The performance of a student in 1st term and 2nd term is given.

Draw a double bar graph choosing appropriate scale and answer the following questions

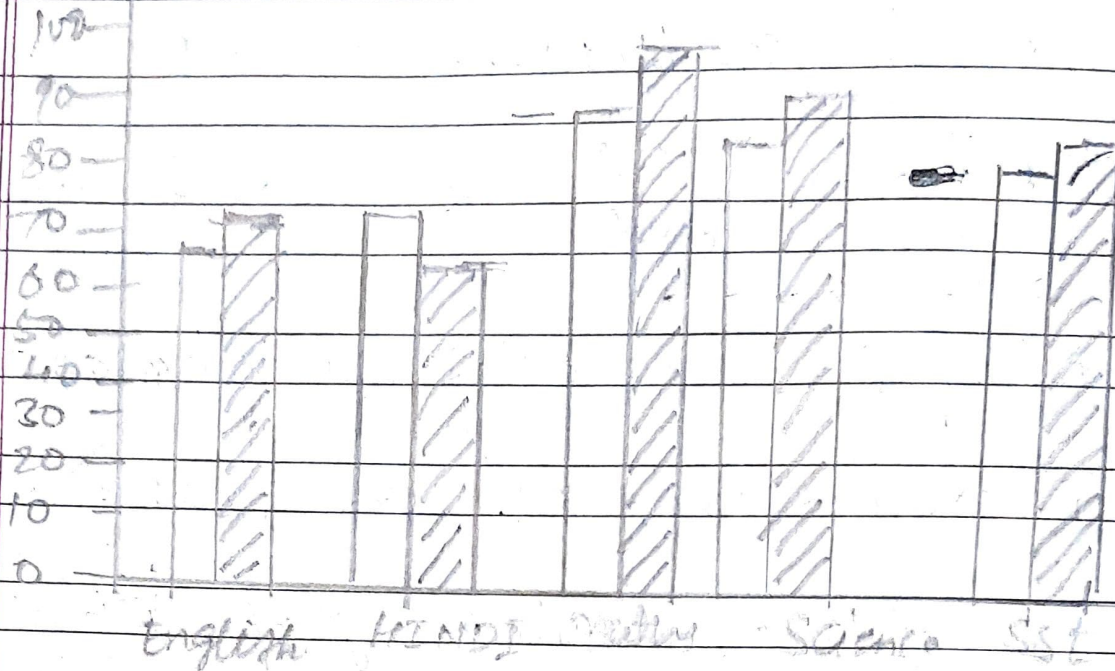
Subject	1st term (M.M. 100)	2nd term (M.M. 100)
English	67	70
HINDI	72	65
Maths	88	95
Science	81	85
S. Science	73	75

Sol.

Scale 1 unit = 10 marks

□ 1st term ▨ 2nd term

Marks ↑



English Hindi Maths Science SST

Subjects →

(i) In which subject has the child improved his performance the most

Sol In maths = $95 - 88 = 7$ marks An

(ii) In which subject is the improvement the least

Sol In social science = $75 - 73 = 2$ marks An

(iii) Has the performance gone down in any subject

Sol yes, the performance in Hindi has gone down

85 Consider this data collected from a survey of a Colony:

Favourite sport	watching	participating
Cricket	1240	620
Basket ball	470	320
Swimming	510	320
Hockey	430	250
Athletics	250	105

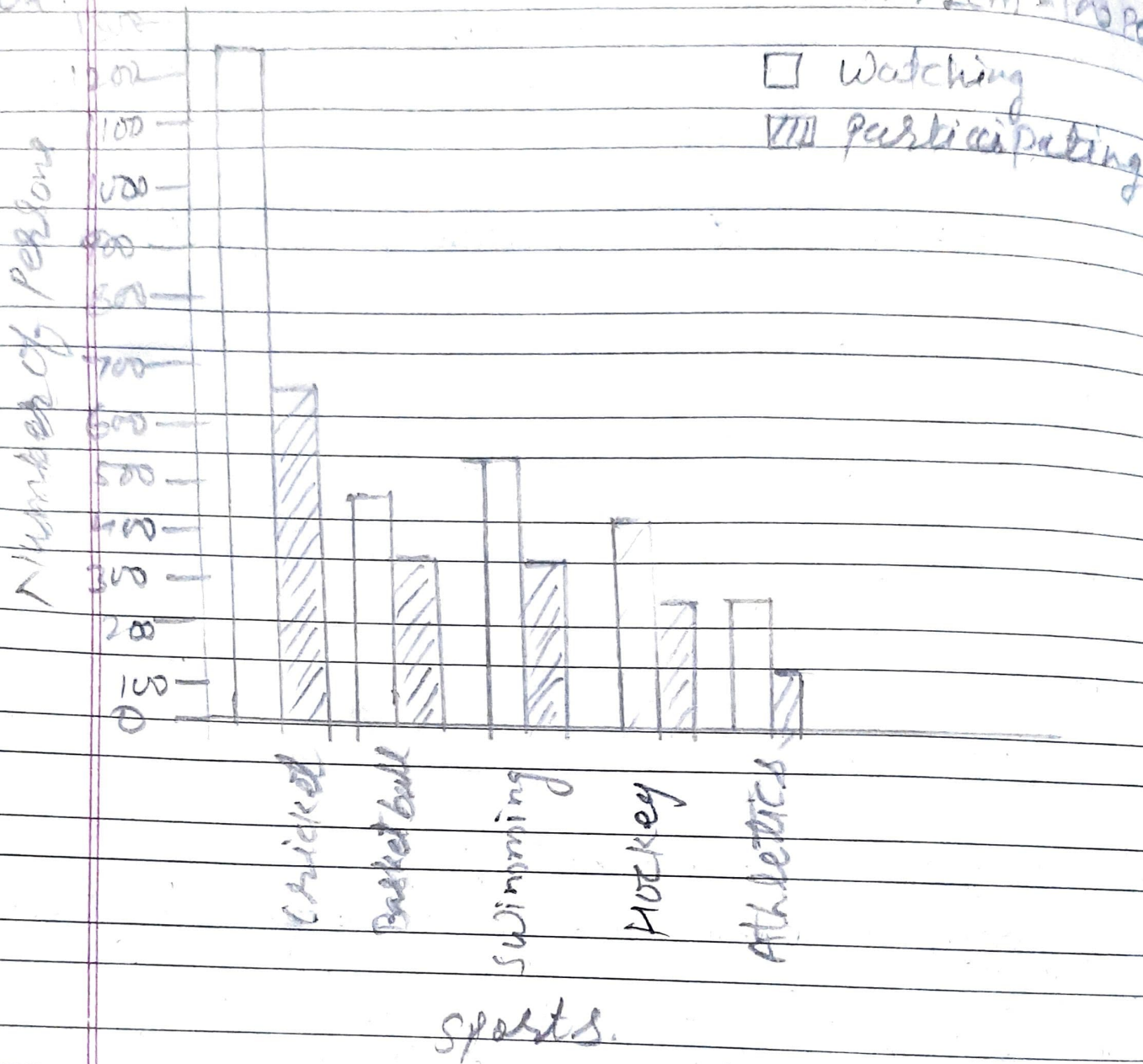
(i) Draw a double bar graph choosing an appropriate scale. What ~~do~~ do you infer from the bar graph?

(ii) Which sport is most popular?

(iii) Which is more preferred, watching or participating in sports?

Sol.

Scale: 1cm = 100 persons



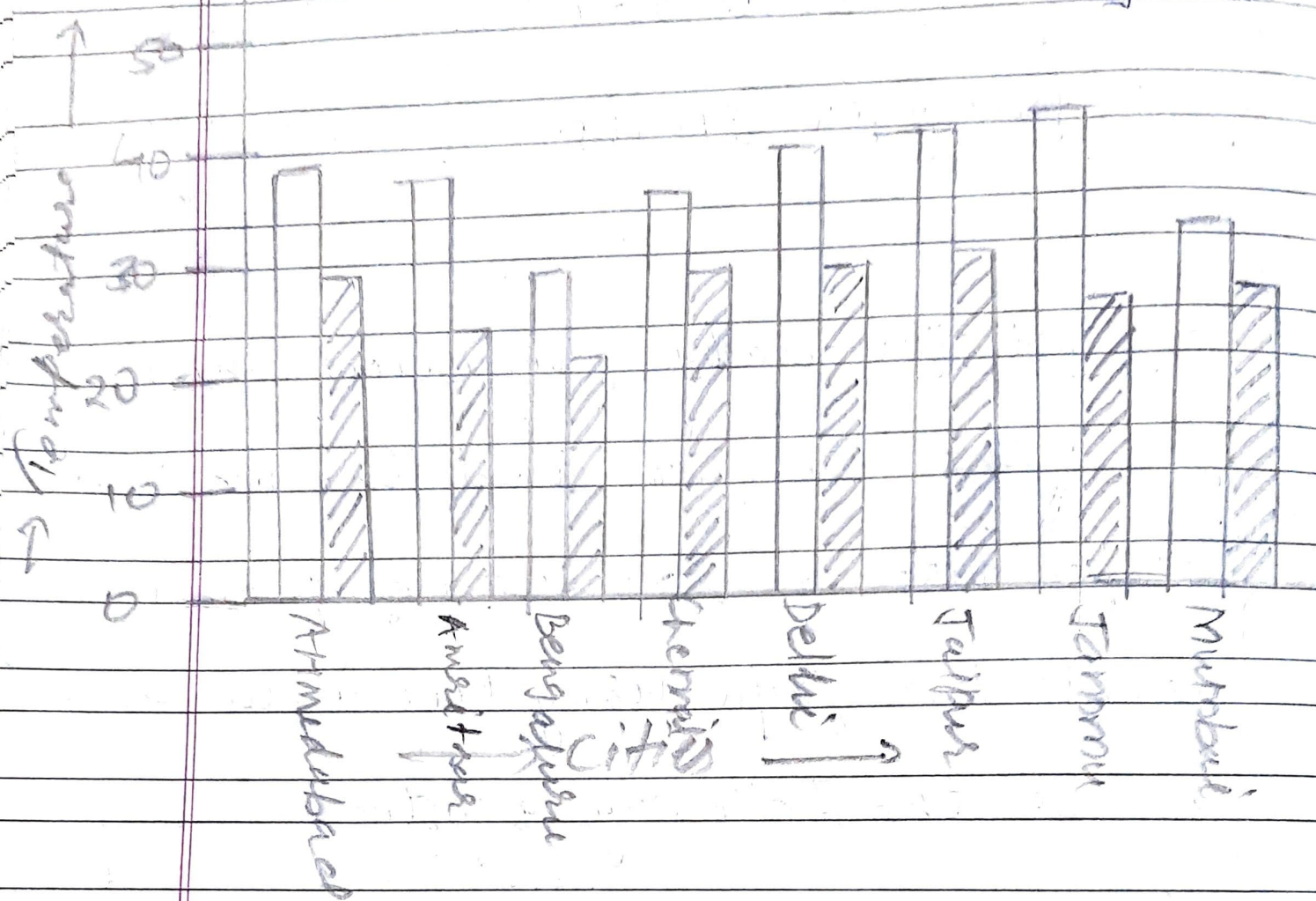
- (i) From the bar graph it is inferred that the people of the colony like the cricket the most and athletics the least.

(ii) The most popular sports is Cricket

(iii) Watching sports is more preferred than participating in sports.

Q6. Look at the data given below which gives the minimum and the maximum temperature of various cities plot a double bar graph using the data and answer the following questions

City	Max.	Min.
Ahmedabad	38°C	29°C
Amritsar	37°C	26°C
Bengaluru	28°C	21°C
Chennai	36°C	27°C
Delhi	38°C	28°C
Jaipur	39°C	29°C
Jammu	41°C	26°C
Mumbai	32°C	27°C



(i) Which city has the largest difference in the minimum and maximum temperature on the given data

Sol. Jammu

(ii) Which is the hottest city and which

is the coolest city

Sol. Jammu is hottest city and Bengaluru is the ~~coolest~~ coldest city

(iii) Name two cities where maximum temperature of one was less than the minimum temperature of the other

Sol. Mumbai has the least difference between its maximum temperature and minimum temperature.