Q 1 The frequency distribution of weights (in kg) of 40 persons of a locality is given below

Weight	40-45	45-50	50-55	55-60	60-65
No of persons	4	12	13	6	5

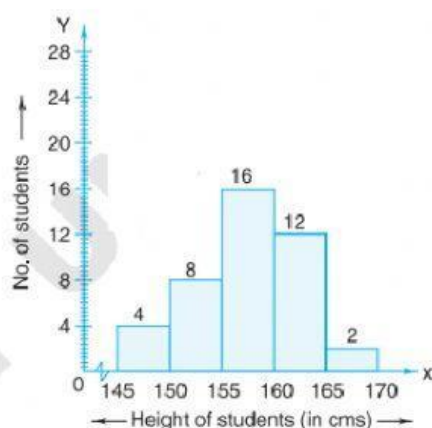   i)   What is the upper limit of first class interval?
    ii)   What is the class size of each class?
    iii)   Find the class mark of second class interval.

Q 2 The marks obtained by 20 students of a class in a test out of 10 marks are:

Marks Obtained	No. of Students
0 – 2	2
2 – 4	3
4 – 6	5
6 – 8	4
8 – 10	4
10 – 12	2

    i.   If pass percentage is 40% then how many students failed?
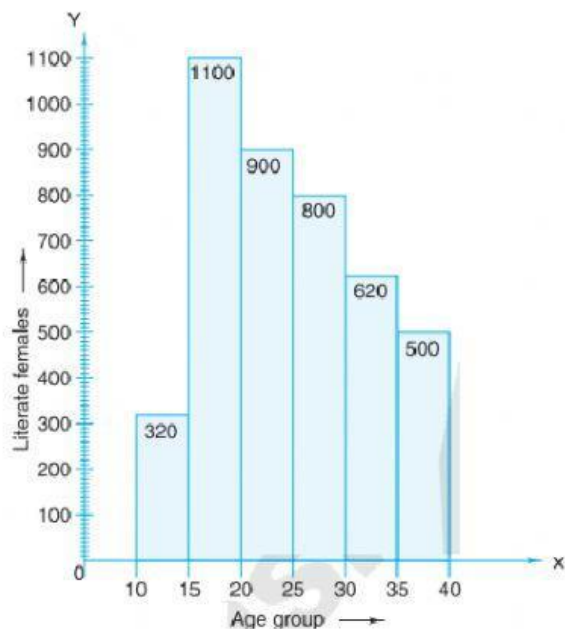   ii.   How many students score more than 80% marks?

Q 3 The following histogram shows the height of 42 students in the class.

From the above histogram answer the following questions:

a. How many students are having height less than 155 cm?

b. How many students have height equal to 160 or more?

c. How many students have height less than 170 cm?

Q 4 The following histogram shows the number of literate females in the age group of 10 to 40 years in a town:

i.   Find the age group in which number of literate females is the highest
ii.   What is the class width?
iii.   What is the lowest frequency?
iv.   In which age group literate females are the least?

Q 5 The marks scored by 20 students in a test are given below:

   54, 42, 68, 56, 62, 71, 78, 51, 72, 53, 44, 58, 47, 64, 41, 57, 89, 53, 84, 57

Complete the following:

Marks in class intervals	Tally marks	Frequency (No. of children)
40 - 50		
50 - 60	卌 III	
60 - 70		
70-80		
80 - 90		