

The table shows the marks of 40 students in a class test. Calculate the median mark.

Ans)

Total no. of students

$$= 40$$

$$\therefore \frac{40+1}{2} = \frac{41}{2} = \underline{\underline{20.5}}$$

mark	No. of students
upto 7	5
upto 8	5+4 = 9
upto 10	9+7 = 16
upto 12	16+6 = 22
upto 14	22+8 = 30
upto 15	30+5 = 35
upto 18	35+4 = 39
upto 20	39+1 = 40
Total	40

Mark out of 20	No. of students
7	5
8	4
10	7
12	6
14	8
15	5
18	4
20	1

Median mark = 11