Question 1 .From the following frequency distribution, find the median class:

Cost of living index	No. of weeks
1400-1550	8
1550-1700	15
1700-1850	21
1850-2000	8

Question 2.Consider the following distribution, find the frequency of class 30-40.

Marks obtained	No. of Students
0 or more	63
10 or more	58
20 or more	55
30 or more	51
40 or more	48
50 or more	42

Question 3.Following table shows sale of shoes in a store during one month:

Size of shoe	No. of pairs sold
3	4
4	18
5	25
6	12
7	5
8	1

Question 4.The mean of the following data is 18.75. Find the value of P:

Class marks (x_i)	Frequency (f_i)
10	5
5	10
P	7
25	8
30	2

Question 5. Data regarding heights of students of Class X of Model School, Dehradun is given below. Calculate the average height of students of the class.

Height (in cm)	No. of students
150-156	4
156-162	7
162-168	15
168-174	8
174-180	6

Question 6.From the following cumulative frequency table, construct a frequency distribution table:

Marks	No. of students
0 and above	40
10 and above	28
20 and above	16
30 and above	10
40 and above	8
50 and above	0

Question 7. Convert the following frequency distribution to a 'more than' type cumulative frequency distribution.

Marks obtained	No. of Students
0–20	5
20–40	9
40–60	12
60–80	8
80–100	6

Question 8.The distribution given below gives the daily income of 50 workers in a factory:

Daily Wages (in ₹)	Number of workers
200–220	14
220-240	12
240-260	8
260-280	6
280-300	10

Convert the above distribution to a less than type cumulative frequency distribution.

Question 11.Find the mode of the following frequency distribution:

Class	Frequency
0–10	8
10–20	12
20–30	10
30–40	11
40–50	9

Question 12.Given below is the distribution of weekly pocket money received by students of a class. Calculate the pocket money that is received by most of the students.

Pocket Money (in ₹)	No. of Students
0–20	2
20–40	2
40–60	3
60–80	12
80–100	18
100–120	5
120–140	2