

Board – ICSE**Class – 7th****Topic – Data Handling**

1. The number of members in 20 families are given below:
4, 6, 5, 5, 4, 6, 3, 3, 5, 5, 3, 5, 4, 4, 6, 7, 3, 5, 5, 7
Prepare a frequency distribution of data.
2. A dice was thrown 30 times and the following outcomes were noted:
2, 1, 2, 4, 6, 1, 2, 3, 6, 5, 4, 4, 3, 1, 1, 3, 1, 1, 5, 6, 6, 2, 2, 3, 4, 2, 5, 5, 6, 4
Prepare a frequency table.
3. The following data gives the number of children in 40 families:
1, 2, 6, 5, 1, 5, 1, 3, 2, 6, 2, 3, 4, 2, 0, 4, 4, 3, 2, 2, 0, 0, 1, 2, 2, 4, 3, 2, 1, 0, 5, 1, 2, 4, 3, 4, 1, 6, 2, 2
Represent it in the form of a frequency distribution.
4. The marks obtained by 40 students of a class in an examination are given below:
8, 47, 22, 31, 17, 13, 38, 26, 3, 34, 29, 11, 22, 7, 15, 24, 38, 31, 21, 35, 42, 24, 45, 23, 21, 27, 29,
49, 25, 48, 21, 15, 18, 27, 19, 45, 14, 34, 37, 34
Prepare a frequency distribution table with equal class intervals, starting from 0-10 (where 10 is not included).
5. The electricity bills (in dollars) of 25 houses of a certain locality for a month are given below:
324, 700, 617, 400, 356, 365, 435, 506, 548, 736, 780, 378, 570, 685, 312, 630, 584, 674, 754,
776, 596, 745, 565, 763, 472
Arrange the above data in increasing order and form a frequency table using equal class intervals, starting from 300-400, where 400 is not included.
6. The weekly wages (in dollars) of 28 workers of a factory are given below:
668, 610, 642, 658, 668, 620, 719, 720, 700, 690, 710, 642, 672, 654, 692, 706, 718, 702, 704,
678, 615, 640, 680, 716, 705, 615, 636, 656
Construct a frequency table with equal class intervals, taking the first of the class intervals as 610-630, where 630 is not included.

7. The weekly pocket expenses (in dollars) of 30 students of a class are given below:
62, 80, 110, 75, 84, 73, 60, 62, 100, 87, 78, 94, 117, 86, 65, 68, 90, 80, 118, 72, 95, 72, 103, 96, 64, 94, 87, 85, 105, 115
Construct a frequency table with class intervals 60-70 (where 70 is not included) 70-80, 80-90 etc.
8. The daily earnings (in dollars) of 24 stores in a market was recorded as under:
715, 650, 685, 550, 573, 530, 610, 525, 742, 680, 736, 524, 500, 585, 723, 545, 532, 560, 580, 545, 625, 630, 645, 700
Prepare a frequency table taking equal class sizes. One such class is 500-550, where 550 is not Included.
9. The heights (in cm) of 22 students were recorded as under:
125, 132, 138, 144, 142, 136, 134, 125, 135, 130, 126, 132, 135, 142, 143, 128, 126, 136, 135, 130, 130, 133
Prepare a frequency distribution table, taking equal class intervals and starting from 125-130, where 130 is not included.

ANSWER

1.

Number of members	3	4	5	6	7
Frequency	4	4	7	3	2

2.

Outcome	1	2	3	4	5	6
Frequency	6	6	4	5	4	5

3.

Wages (in Dollars)	1	2	3	4	5	6
Frequency	4	7	12	5	6	3

4.

Marks	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50
Frequency	3	8	14	9	6

5.

Amount of the bill (in Dollars)	300 - 400	400 - 500	500 - 600	600 - 700	700 - 800
Frequency	5	3	6	4	7

6.

Wages (in Dollars)	610-630	630-650	650-670	670-690	690-710	710-730
Frequency	4	4	5	3	7	5

7.

Expenses (in Dollars)	60 - 70	70 - 80	80 - 90	90 - 100	100 - 110	110 - 120
Frequency	6	5	7	5	3	4

8.

Daily earnings (in Dollars)	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750
Frequency	7	5	4	3	5

9.

Height(in cm)	125 - 130	130 - 135	135 - 140	140 - 145
Frequency	5	7	6	4