

EduSahara™ Learning Center Assignment

Grade : Class IX, ICSE

Chapter : Frequency Distribution

Name : Constructing Frequency Distribution Tables

The number of children in 21 families are given below.

Identify the frequency distribution table for the given data.

1. 0, 4, 4, 3, 5, 4, 5, 2, 1, 1, 5, 0, 0, 3, 3
4, 1, 5, 0, 3, 0

(i)

No. of children	0	1	2	3	4	5
No. of families	4	3	1	5	4	4

(ii)

No. of children	1	2	3	4	5
No. of families	3	7	3	4	4

(iii)

No. of children	0	1	2	3	4	5
No. of families	5	3	1	4	4	4

(iv)

No. of children	0	1	2	3	4	5
No. of families	3	3	3	4	3	5

The following outcomes were noted when a dice was thrown 18 times.

Identify the frequency distribution table for the given data.

2. 3, 2, 5, 4, 6, 6, 3, 5, 6, 6, 1, 3, 2, 5, 2
2, 2, 4

(i)

Outcome	1	2	3	4	5	6
No. of outcomes	1	5	3	2	3	4

(ii)

Outcome	1	2	3	4	5	6
No. of outcomes	4	1	4	4	3	2

(iii)

Outcome	1	2	3	4	5	6
No. of outcomes	5	2	2	3	4	2

(iv)

Outcome	1	2	3	4	5	6
No. of outcomes	1	6	3	2	3	3

The sale of shirts of various sizes at a shop on a particular day is given below.

Identify the frequency distribution table for the given data.

3. 32, 35, 29, 26, 33, 22, 37, 32, 22, 35, 25, 27, 21, 40, 26
32, 28, 21, 40

(i)

Size	21	22	25	26	27	28	29	32	33	35	37	40
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No. of Shirts	2	2	1	2	1	1	1	3	1	2	1	2
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(ii)

Size	20	21	23	24	26	29	33	34	35	37	38	39
No. of Shirts	1	1	1	2	2	2	2	4	1	1	1	1

(iii)

Size	21	25	28	29	30	31	34	36	37	40
No. of Shirts	1	2	1	1	1	3	4	1	4	1

(iv)

Size	21	22	25	26	27	28	29	32	33	35	37	40
No. of Shirts	3	1	1	2	1	1	1	3	1	2	1	2

Identify the frequency distribution table for the given heights of 15 students in cm

4. 166 , 157 , 172 , 154 , 155 , 175 , 173 , 169 , 160 , 152
169 , 161 , 164 , 155 , 167

(i)

Height (in cm)	152	154	155	157	160	161	164	167	169	172	173	175
No. of Students	2	1	2	1	1	1	1	1	2	1	1	1

(ii)

Height (in cm)	152	154	155	157	160	161	164	166	167	169	172	173	175
No. of Students	1	1	2	1	1	1	1	1	1	2	1	1	1

(iii)

Height (in cm)	152	155	157	160	161	164	166	167	169	172	173	175
No. of Students	1	2	1	1	1	1	1	1	2	1	1	2

(iv)

Height (in cm)	151	153	155	156	157	158	160	162	163	166	171	177	179
No. of Students	1	1	1	1	1	1	1	1	1	2	1	1	2

(v)

Height (in cm)	150	154	156	157	161	164	165	167	168	171	176	178	180
No. of Students	2	1	1	1	1	1	2	1	1	1	1	1	1

Identify the frequency distribution table for the given ages of 14 students in years

5. 23 , 24 , 10 , 14 , 25 , 10 , 12 , 14 , 11 , 12 , 12 , 20 , 17 , 10

(i)

Age (in years)	12	16	18	19	20	21	22	23	25
No. of Students	2	3	1	1	1	2	2	1	1

(ii)

Age (in years)	10	11	12	14	17	20	23	24	25
No. of Students	3	1	3	2	1	1	1	1	1

(iii)

Age (in years)	10	11	12	14	17	20	23	24	25
No. of Students	2	1	3	2	2	1	1	1	1

(iv)

Age (in years)	11	12	13	15	20	21	22	24	25
No. of Students	1	1	2	3	2	2	1	1	1

Assignment Key

- 1) (iii)
- 2) (i)
- 3) (i)
- 4) (ii)
- 5) (ii)