EduSahara™ Assignment

Name : Constructing Frequency Distribution Tables

Chapter : Data Handling

Grade : CBSE Grade VII

1. The number of children in 22 families are given below. Identify the frequency distribution table for the given data.

3 3 2 1 1 3 2 0 5 2 2 3 1 3 0 4 5 0 4 5 2 1

(i)

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

(ii)

No. of children	0	1	2	3	4	5
No. of families	5	6	2	3	3	3

(iii)

No. of children	0	1	2	3	4	5
No. of families	1	4	2	4	7	4

(iv)

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

2. The following outcomes were noted when a dice was thrown 20 times. Identify the frequency distribution table for the given data.

4 4 6 5 5 3 1 3 3 1 1 4 4 2 5 4 1 4 6 6

(i)

Outcome	1	2	5	6
No. of outcomes	1	7	5	7

(ii)

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

(iii)

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

(iv)

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

(v)

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

23 20 29 36 20 36 21 20 40 34 31 21 22 33 26 27 32 27

(i)

Size	20	21	22	23	24	26	29	31	32	33	34	38	39	40
No. of Shirts	1	1	1	1	1	4	1	1	1	2	1	1	1	1

(ii)

Size	20	21	22	23	26	27	29	31	32	33	34	36	40
No. of Shirts	3	3	1	1	1	1	1	1	1	1	1	2	1

(iii)

Size	20	21	22	23	26	27	29	31	32	33	34	36	40
No. of Shirts	3	2	1	1	1	2	1	1	1	1	1	2	1

(iv)

Size	20	21	22	23	26	27	29	31	32	33	34	36	40
No. of Shirts	2	2	1	1	1	2	1	1	1	2	1	2	1

(v)

Size	20	21	22	24	26	33	34	36	37	39	40
No. of Shirts	3	1	1	2	2	1	2	1	2	1	2

4. Identify the frequency distribution table for the given heights of 11 students in cm

176 179 155 176 152 166 168 169 167 159 159

(i)

Height (in cm)	160	161	162	165	168	171	173	179	180
No. of Students	1	1	1	2	1	2	1	1	1

(ii)

Height (in cm)	150	154	155	166	171	172	175	176	177	180
No. of Students	1	2	1	1	1	1	1	1	1	1

(iii)

Height (in cm)	152	155	159	166	167	168	169	176	179
No. of Students	1	1	2	1	1	1	1	2	1

(iv)

Height (in cm)	152	155	159	166	168	169	176	179
No. of Students	1	2	2	1	1	1	2	1

(v)

Height (in cm)	155	159	166	167	168	169	176	179
No. of Students	1	2	1	1	1	2	2	1

5. Identify the frequency distribution table for the given ages of 13 students in years

23 24 17 17 12 15 20 25 22 10 15 10 12

(i)

Age (in years)	10	12	15	17	20	22	23	24	25
No. of Students	1	3	2	2	1	1	1	1	1

(ii)

Age (in years)	10	11	13	14	15	17	18	19	20	21	23	25
No. of Students	1	1	1	1	1	2	1	1	1	1	1	1

(iii)

Age (in years)	10	12	15	17	20	22	23	24	25
No. of Students	2	2	2	2	1	1	1	1	1

(iv)

Age (in years)	11	14	18	19	20	21	23
No. of Students	1	4	1	2	2	2	1

Assignment Key

1) (iv)	2) (v)	3) (iii)	4) (iii)	5) (iii)