EduSahara™ Assignment

Name : Constructing Frequency Distribution Tables

Chapter : Frequency Distribution

Grade : ICSE Grade IX

1. The number of children in 18 families are given below. Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

2. The following outcomes were noted when a dice was thrown 21 times. Identify the frequency distribution table for the given data.

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

(i)

Outcome	1	2	3	4	5	6
No. of outcomes	1	2	2	5	4	7

(ii)

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

(iii)

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

(iv)

Outcome	1	2	3	4	5	6
No. of outcomes	1	3	2	5	3	7

(v)

Outcome	1	2	3	4	5	6
No. of outcomes	1	3	2	4	4	7

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.

38 21 22 39 20 23 39 31 36 20 30 39 22 24 40 29 35 33 40

(i)

Size	20	21	22	23	24	29	31	33	35	36	38	39	40
No. of Shirts	2	1	2	1	1	1	1	1	1	1	1	3	3

(ii)

Size	20	21	23	24	25	26	29	30	32	35	37	38	39
No. of Shirts	1	1	1	1	2	1	2	2	2	1	1	2	2

(iii)

Size	20	21	22	23	24	29	30	31	33	35	38	39	40
No. of Shirts	2	1	3	1	1	1	1	1	1	1	1	3	2

(iv)

Size	21	23	24	25	26	27	28	30	34	35	37	38	39
No. of Shirts	2	1	2	2	1	2	2	1	1	1	2	1	1

(v)

Size	20	21	22	23	24	29	30	31	33	35	36	38	39	40
No. of Shirts	2	1	2	1	1	1	1	1	1	1	1	1	3	2

4. Identify the frequency distribution table for the given heights of 13 students in cm

152 153 158 165 179 161 169 173 175 156 172 158 179

(i)

Height (in cm)	152	153	156	158	161	165	169	173	175	179
No. of Students	1	1	1	3	1	1	1	1	1	2

(ii)

Height (in cm)	152	153	156	158	161	165	169	173	175	179
No. of Students	1	1	1	2	1	1	1	1	2	2

(iii)

Height (in cm)	150	152	155	159	161	165	169	170	172	173	179
No. of Students	1	1	1	1	1	1	2	1	1	2	1

(iv)

Height (in cm)	152	153	156	158	161	165	169	172	173	175	179
No. of Students	1	1	1	2	1	1	1	1	1	1	2

(v)

Height (in cm)	150	151	154	158	160	162	164	170	171	172	177	179
No. of Students	1	1	1	1	1	1	1	1	1	1	1	2

5. Identify the frequency distribution table for the given ages of 10 students in years

23 14 15 25 19 18 17 16 20 20

(i)

Age (in years)	10	11	12	13	14	15	17	18	20	22
No. of Students	1	1	1	1	1	1	1	1	1	1

(ii)

Age (in years)	14	15	16	17	18	19	20	23	25
No. of Students	1	1	1	1	1	1	1	2	1

(iii)

Age (in years)	14	15	16	17	18	19	20	23	25
No. of Students	1	1	1	1	1	1	2	1	1

(iv)

Age (in years)	14	15	17	18	19	20	23	25
No. of Students	1	1	1	1	1	3	1	1

(v)

Age (in years)	11	14	16	17	18	21	23
No. of Students	1	2	2	1	1	1	2

Assignment Key

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