EduSahara™ Assignment

Name : Constructing Frequency Distribution Tables

Chapter : Data Handling

Grade : CBSE Grade VII

1. The number of children in 20 families are given below. Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

2. The following outcomes were noted when a dice was thrown 18 times. Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

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 37 28 36 25 37 27 29 22 20 27 34 27 34 25 25 22 33

(i)

Size	20	22	25	27	28	29	33	34	36	37	38
No. of Shirts	1	2	3	3	1	1	1	2	1	2	1

(ii)

Size	20	22	25	27	28	29	33	34	36	37	38
No. of Shirts	1	3	3	3	1	1	1	2	1	1	1

(iii)

Size	20	22	25	27	28	29	33	34	36	37	38
No. of Shirts	1	2	2	4	1	1	1	2	1	2	1

(iv)

Size	23	24	25	26	28	29	33	34	38	39	40
No. of Shirts	2	1	2	1	3	1	2	2	1	2	1

(v)

Size	21	23	26	27	29	31	32	33	35	37	39
No. of Shirts	1	1	2	3	1	2	3	1	2	1	1

4. Identify the frequency distribution table for the given heights of 12 students in cm

151 167 157 158 170 155 150 167 178 157 170 163

(i)

Height (in cm)	150	151	155	157	158	163	167	170	178
No. of Students	1	1	1	2	1	1	2	2	1

(ii)

Height (in cm)	150	151	155	157	158	163	167	170	178
No. of Students	1	1	1	2	2	1	2	1	1

(iii)

Height (in cm)	152	156	158	160	164	166	167	168	170	172
No. of Students	1	1	1	1	1	1	1	1	2	2

(iv)

Height (in cm)	150	155	157	158	163	167	170	178
No. of Students	1	1	3	1	1	2	2	1

(v)

Height (in cm)	151	155	156	158	160	164	168	172	177	178	179
No. of Students	1	1	1	1	1	1	1	1	1	2	1

5. Identify the frequency distribution table for the given ages of 12 students in years

13 15 12 11 25 17 23 16 18 10 23 11

(i)

Age (in years)	10	11	12	13	16	17	18	23	25
No. of Students	1	2	1	1	2	1	1	2	1

(ii)

Age (in years)	11	17	18	19	20	21	22	24	25
No. of Students	1	1	1	2	1	1	1	2	2

(iii)

Age (in years)	10	11	12	13	15	16	17	18	23	25
No. of Students	1	2	1	1	1	1	1	1	2	1

(iv)

Age (in years)	10	11	12	13	15	16	17	18	23	25
No. of Students	1	1	1	1	1	1	1	1	3	1

(v)

Age (in years)	11	13	15	19	21	24	25
No. of Students	1	1	1	2	5	1	1

Assignment Key

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