EduSahara™ Assignment

Name : Constructing Frequency Distribution Tables

Chapter : Frequency Distribution

Grade : ICSE Grade IX

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

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

2. The following outcomes were noted when a dice was thrown 19 times. Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

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.

40 39 20 39 21 39 36 20 31 35 38 23 36 23 32 32 21 21 24 29 35 32

(i)

Size	21	23	24	25	26	27	28	29	30	34	35	37	38	39	40
No. of Shirts	1	1	1	1	2	3	1	2	2	1	1	2	1	2	1

(ii)

Size	20	24	25	26	27	28	29	30	31	34	35	36	38	39	40
No. of Shirts	1	1	2	2	2	1	3	1	1	1	1	1	2	2	1

(iii)

Size	20	21	23	24	29	31	32	35	36	38	39	40
No. of Shirts	2	3	2	1	1	1	4	2	2	1	2	1

(iv)

Size	20	21	23	24	29	31	32	35	36	38	39	40
No. of Shirts	2	3	2	1	1	1	3	2	2	1	3	1

(v)

Size	20	21	23	24	29	31	32	35	36	38	39	40
No. of Shirts	2	3	2	1	1	1	3	2	1	1	4	1

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

170 178 153 167 178 166 173 174 180 156 180 177 169

(i)

Height (in cm)	151	152	154	159	162	163	165	169	170	174	179	180
No. of Students	1	1	1	1	1	1	1	2	1	1	1	1

(ii)

Height (in cm)	153	156	166	167	169	170	173	174	177	178	180
No. of Students	1	1	1	1	1	1	1	1	1	2	2

(iii)

Height (in cm)	153	156	167	169	170	173	174	177	178	180
No. of Students	1	1	1	2	1	1	1	1	2	2

(iv)

Height (in cm)	153	156	166	169	170	173	174	177	178	180
No. of Students	1	2	1	1	1	1	1	1	2	2

(v)

Height (in cm)	156	158	159	161	165	171	173	174	175
No. of Students	1	1	1	2	1	2	2	1	2

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

20 19 10 25 21 21 14 13 24 24 13 25

(i)

Age (in years)	11	12	15	16	17	19	20	21	24
No. of Students	1	1	2	1	2	1	1	2	1

(ii)

Age (in years)	11	14	17	20	22	23	25
No. of Students	2	1	1	2	2	1	3

(iii)

Age (in years)	10	13	14	19	20	21	24	25
No. of Students	1	2	1	1	1	2	2	2

(iv)

Age (in years)	10	13	14	19	20	21	24	25
No. of Students	1	2	2	1	1	2	2	1

Assignment Key

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