EduSahara™ Assignment

Name : Constructing Frequency Distribution Tables

Chapter : Frequency Distribution

Grade : ICSE Grade IX

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

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

2. The following outcomes were noted when a dice was thrown 22 times. Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

23 21 24 39 38 21 28 32 37 22 21 21 31 25 35 31 36 28 38 31 37 23

(i)

Size	22	24	26	28	29	30	31	32	33	34	36	37	38	39
No. of Shirts	1	1	2	2	1	3	1	2	1	1	2	1	2	2

(ii)

Size	21	22	23	24	25	28	31	32	35	36	37	38	39
No. of Shirts	4	1	2	1	1	2	3	1	1	1	2	2	1

(iii)

Size	21	22	23	24	25	28	31	35	36	37	38	39
No. of Shirts	4	2	2	1	1	2	3	1	1	2	2	1

(iv)

Size	21	22	23	26	28	30	32	38	40
No. of Shirts	4	4	3	3	1	1	2	2	2

(v)

Size	21	22	23	24	25	28	31	32	35	36	37	38	39
No. of Shirts	5	1	1	1	1	2	3	1	1	1	2	2	1

4. Identify the frequency distribution table for the given heights of 14 students in cm

180 173 161 169 152 157 176 162 158 170 160 151 177 150

(i)

Height (in cm)	150	151	152	158	160	161	162	169	170	173	176	177	180
No. of Students	1	1	1	1	1	1	2	1	1	1	1	1	1

(ii)

Height (in cm)	150	151	152	157	158	160	161	162	169	170	173	177	180
No. of Students	1	1	1	1	1	1	1	1	1	1	1	1	2

(iii)

Height (in cm)	153	154	157	160	161	164	165	177	179
No. of Students	1	1	2	1	3	1	2	2	1

(iv)

Height (in cm)	153	155	159	161	162	167	168	170	172	175	176	177	178
No. of Students	1	1	1	1	1	1	1	1	1	1	1	1	2

(v)

Height (in cm)	150	151	152	157	158	160	161	162	169	170	173	176	177	180
No. of Students	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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

25 10 25 15 25 25 12 25 11 22 20 25 25 24

(i)

Age (in years)	10	11	12	13	15	17	18	19	20	21	24	25
No. of Students	1	2	1	1	1	1	1	1	1	1	2	1

(ii)

Age (in years)	10	11	12	15	22	24	25
No. of Students	1	1	1	2	1	1	7

(iii)

Age (in years)	10	11	12	15	20	22	25
No. of Students	1	1	1	1	1	1	8

(iv)

Age (in years)	10	12	17	19	20	21	24
No. of Students	1	1	2	3	1	3	3

(v)

Age (in years)	10	11	12	15	20	22	24	25
No. of Students	1	1	1	1	1	1	1	7

Assignment Key

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

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