EduSahara™ Assignment

Name : Constructing Frequency Distribution Tables

Chapter : Statistics

Grade : CBSE Grade IX

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

158 157 150 158 163 163 160 167 154 165 160

(i)

Height (in cm)	151	152	155	156	158	159	168	170	178	179	180
No. of Students	1	1	1	1	1	1	1	1	1	1	1

(ii)

Height (in cm)	150	154	157	158	160	163	167
No. of Students	1	1	1	2	3	2	1

(iii)

Height (in cm)	150	154	157	158	160	163	165
No. of Students	1	1	1	2	3	2	1

(iv)

Height (in cm)	150	154	157	158	160	163	165	167
No. of Students	1	1	1	2	2	2	1	1

(v)

Height (in cm)	154	159	165	167	170	177	179
No. of Students	1	1	1	1	1	2	4

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

15 18 23 18 15 22 23 13 11 19 12 23 16 13

(i)

Age (in years)	11	12	13	15	16	18	19	22	23
No. of Students	1	1	2	1	1	2	1	1	4

(ii)

Age (in years)	10	11	15	16	17	19	20	21	23
No. of Students	1	1	1	1	1	4	2	2	1

(iii)

Age (in years)	11	12	13	15	16	18	19	22	23
No. of Students	1	1	2	1	1	2	2	1	3

(iv)

Age (in years)	11	12	13	15	16	18	19	22	23
No. of Students	1	1	2	2	1	2	1	1	3

(v)

Age (in years)	10	11	14	17	18	19	20	21	23	24	25
No. of Students	1	1	1	1	2	1	2	1	1	2	1

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

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

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

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

(i)

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

(ii)

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

(iii)

Outcome	1	2	3	4	5	6
No. of outcomes	6	1	2	8	2	2

(iv)

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

(v)

Outcome	1	2	3	4	5
No. of outcomes	8	7	1	4	1

5. 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.

22 33 31 25 35 33 21 37 34 27 37 37 36 35 30 37 22 40

(i)

Size	21	24	25	27	30	32	33	34	35	36	38
No. of Shirts	2	1	1	2	2	1	3	2	1	2	1

(ii)

Size	21	22	25	30	31	33	34	35	36	37	40
No. of Shirts	1	2	1	1	1	2	1	2	1	4	2

(iii)

Size	21	22	25	27	30	31	33	34	35	36	37
No. of Shirts	1	2	1	1	1	1	2	2	2	1	4

(iv)

Size	21	22	25	27	30	31	33	34	35	36	37	40
No. of Shirts	1	2	1	1	1	1	2	1	2	1	4	1

(v)

Size	20	22	23	24	25	29	32	35	36	37	38	40
No. of Shirts	1	1	1	2	1	2	2	1	1	2	3	1

Assignment Key

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