

Name: Constructing Frequency Distribution Tables

Chapter : Statistics

Grade: ICSE Grade VIII

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

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

(ii) No. of children 0 1 2 3 4 5 No. of families 4 3 3 2 2 5

(iii) No. of children 0 1 2 3 4 5
No. of families 2 5 3 4 3 2

(iv) No. of children 0 1 2 3 4 5 No. of families 2 5 3 3 3 3

(v) No. of children 0 1 2 3 4 5 No. of families 3 3 3 4 1 5

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

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

(i)	Outcome	1	2	3	4	5	6	
(1)	No. of outcomes	4	2	4	3	1	4	

(ii) Outcome 1 2 3 4 5 6 No. of outcomes 1 6 3 1 6 1

(iii) Outcome 1 2 3 4 5 6 No. of outcomes 6 3 1 3 2 3

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

(v) Outcome 1 2 3 4 5 6 No. of outcomes 5 3 1 4 2 3

The sale of shirts of various sizes at a shop on a particular day is given below. Identify the frequency distribution 3. table for the given data.

20 29 37 29 28 32 27 24 24 31 38 38 28 35 32 36 20 23 22 29 34 37

/i)	Size	20	22	23	24	27	28	29	31	32	34	35	36	37	38
(1)	No. of Shirts	2	1	1	2	1	2	2	1	2	1	1	1	3	2

(ii)	Size	20	22	23	24	27	28	29	31	32	34	35	36	37	38
(11)	No. of Shirts	2	1	1	2	1	2	3	1	2	1	1	1	2	2

/iii)	Size	20	22	24	25	26	28	30	31	33	34	35	36	39	40
(111)	No. of Shirts	1	1	2	1	1	1	3	2	1	1	1	3	1	3

(iv/)	Size	20	22	23	24	27	28	29	31	32	34	35	36	37	38
(iv)	No. of Shirts	2	1	1	1	1	2	3	1	2	1	1	2	2	2

(v)	Size	20	21	24	25	26	28	29	30	31	32	33	34	35	36	37
(V)	No. of Shirts	2	2	1	2	1	1	1	2	1	1	2	1	1	3	1

4. Identify the frequency distribution table for the given heights of 15 students in cm 175 169 178 158 167 174 166 163 150 169 154 151 175 156 165

/i)	Height (in cm)	152	153	155	159	160	163	165	167	169	173
(1)	No. of Students	1	1	4	1	2	1	1	1	2	1

/ii)	Height (in cm)	150	151	154	156	158	163	165	166	169	174	175	178
(11)	No. of Students	1	1	1	1	1	1	1	1	2	1	3	1

(iii)	Height (in cm)	150	151	154	156	158	163	165	166	169	174	175	178
(111)	No. of Students	1	1	1	2	1	1	1	1	2	1	2	1

(iv)	Height (in cm)	150	151	154	156	158	163	165	166	167	169	174	175	178
(10)	No. of Students	1	1	1	1	1	1	1	1	1	2	1	2	1

(v/)	Height (in cm)	150	153	154	157	160	164	169	172	173	177	178	179
(V)	No. of Students	1	1	1	1	1	2	1	2	1	1	2	1

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

18 18 14 12 10 17 20 18 12 14 17 18 12 16

	Age (in years)							20	
	No. of Students	1	3	2	1	2	4	1	

(ii)	Age (in years)	11	13	14	16	17	18	19	20	22	25
	No. of Students	2	1	1	1	1	2	2	1	2	1

(iii)	Age (in years)	10	12	14	16	17	18	20	(iv.)
	No. of Students	1	3	2	1	3	3	1	(10)

Age (in years)	11	12	14	16	18	20	21	24	25
No. of Students	2	2	1	1	2	2	2	1	1

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

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