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

13 25 25 20 14 23 12 19 20 12 12 17

(i)

Age (in years)	12	13	14	17	19	20	23	25
No. of Students	3	1	1	1	1	2	1	2

(ii)

Age (in years)	13	15	16	17	19	20	21	22	23	24
No. of Students	1	1	1	2	1	1	1	2	1	1

(iii)

Age (in years)	11	12	15	16	17	18	20	21	25
No. of Students	1	2	2	1	1	1	1	1	2

(iv)

Age (in years)	12	13	14	17	19	20	23	25
No. of Students	4	1	1	1	1	1	1	2

(v)

Age (in years)	12	13	14	17	20	23	25
No. of Students	3	1	1	1	3	1	2

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

16 21 22 24 19 16 24 24 16 14 24 14

(i)

Age (in years)	10	11	14	15	16	17	20	22	25
No. of Students	1	1	1	2	1	1	1	3	1

(ii)

Age (in years)	14	16	19	21	22	24
No. of Students	1	3	1	1	1	5

(iii)

Age (in years)	10	12	13	14	16	17	20
No. of Students	3	1	1	1	1	2	3

(iv)

Age (in years)	14	16	19	21	22	24
No. of Students	2	3	1	1	1	4

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

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

(i)

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

(ii)

No. of children	0	1	2	3	4	5
No. of families	1	2	2	8	1	4

(iii)

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

(iv)

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

(v)

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

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

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

(i)

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

(ii)

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

(iii)

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

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.

25 21 22 38 35 27 34 23 35 28 24 30 35 20 29 38 35 30

(i)

Size	22	23	24	25	28	30	31	33	34	35	38	39	40
No. of Shirts	2	2	2	1	1	2	1	1	1	1	1	2	1

(ii)

Size	21	22	24	25	26	27	29	30	31	34	35	36	39	40
No. of Shirts	2	2	1	1	1	1	1	2	1	2	1	1	1	1

(iii)

Size	20	21	22	23	24	25	27	28	29	30	34	35	38
No. of Shirts	1	1	1	1	1	1	1	1	1	2	1	4	2

(iv)

Size	20	21	23	24	25	27	28	29	30	34	35	38
No. of Shirts	1	1	1	1	1	1	1	1	2	1	5	2

(v)

Size	21	22	23	24	25	27	28	29	30	34	35	38
No. of Shirts	1	1	1	1	1	1	1	1	2	1	5	2

6. Arrange the following data 23 25 20 16 21 33 10 38 19 24 in ascending order

   (i) 29 12 28 24 38 26 15 16 22 34   (ii) 10 16 19 20 21 23 24 25 33 38

   (iii) 15 14 31 36 15 18 25 22 22 16   (iv) 38 28 28 26 30 12 38 33 32 37

   (v) 23 40 17 20 26 36 11 28 21 34

7. Arrange the following data 17 33 32 19 30 10 35 20 13 20 in descending order

   (i) 17 27 22 33 11 17 40 35 15 25   (ii) 10 36 16 25 40 38 10 22 38 11

   (iii) 18 13 36 24 30 37 21 36 40 26   (iv) 36 10 31 20 25 22 12 34 32 26

   (v) 35 33 32 30 20 20 19 17 13 10

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

   171 164 167 172 153 175 173 170 153 152 159 159 164

(i)

Height (in cm)	152	153	159	164	167	170	171	172	173	175
No. of Students	1	2	2	2	1	1	1	1	1	1

(ii)

Height (in cm)	150	153	156	161	162	163	164	169	171	176
No. of Students	1	1	2	1	1	2	2	1	1	1

(iii)

Height (in cm)	153	154	156	157	158	165	166	168	170	171	175	179	180
No. of Students	1	1	1	1	1	1	1	1	1	1	1	1	1

(iv)

Height (in cm)	152	153	159	164	170	171	172	173	175
No. of Students	1	2	2	3	1	1	1	1	1

(v)

Height (in cm)	152	153	159	164	167	171	172	173	175
No. of Students	1	2	2	3	1	1	1	1	1

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

   18 24 16 25 24 23 19 18 19 22 21 16

(i)

Age (in years)	16	18	19	21	22	23	24	25
No. of Students	2	2	2	1	1	1	2	1

(ii)

Age (in years)	10	14	16	19	21	22	23	24
No. of Students	1	2	1	3	1	1	2	1

(iii)

Age (in years)	16	18	19	21	22	23	24	25
No. of Students	2	2	1	1	1	1	3	1

(iv)

Age (in years)	14	15	16	17	23	24	25
No. of Students	1	3	2	1	2	2	1

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

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

11. The following outcomes were noted when a dice was thrown 20 times. Identify the frequency distribution table for the given data.

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

(i)

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

(ii)

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

(iii)

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

(iv)

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

(v)

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

12. 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 36 27 30 22 24 27 31 23 40 25 23 40 24 35 28 21 40 28 37 39

(i)

Size	21	22	23	24	25	27	28	30	31	35	36	37	39	40
No. of Shirts	1	1	4	2	1	2	1	1	1	1	1	1	1	3

(ii)

Size	25	26	27	29	30	31	32	33	35	36	38	39
No. of Shirts	2	1	1	2	3	2	1	1	2	2	3	1

(iii)

Size	20	22	23	25	26	31	32	33	35	36	37	38	39	40
No. of Shirts	2	2	1	1	1	1	1	1	1	1	6	1	1	1

(iv)

Size	21	22	23	24	25	27	28	30	31	35	36	37	39	40
No. of Shirts	1	1	3	2	1	2	2	1	1	1	1	1	1	3

(v)

Size	21	22	23	24	25	27	28	30	31	35	36	37	39	40
No. of Shirts	1	1	3	1	1	2	2	1	1	1	1	2	1	3

Assignment Key

1) (i)	2) (iv)	3) (iv)	4) (i)	5) (iii)	6) (ii)
7) (v)	8) (i)	9) (i)	10) (iv)	11) (i)	12) (iv)