

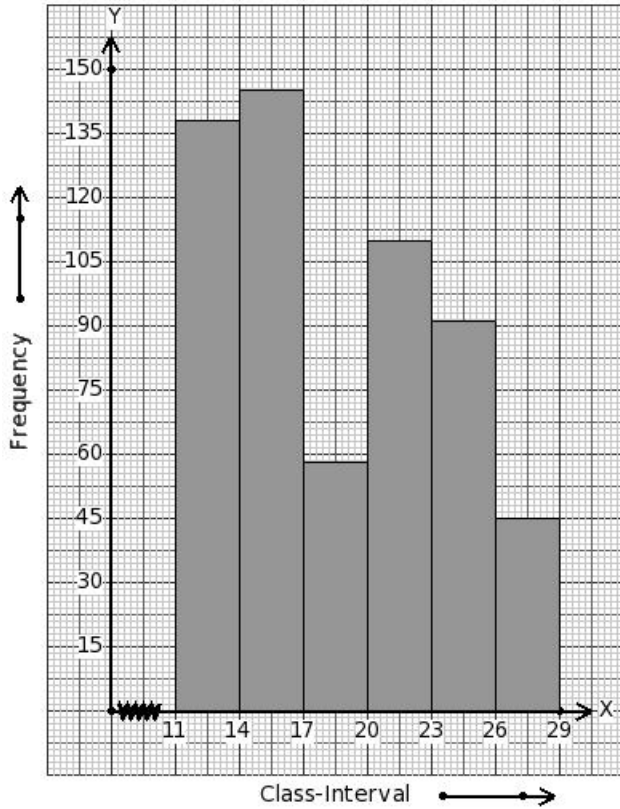
EduSahara™ Learning Center Assignment

Grade : Class X, ICSE

Chapter : Graphical Representation of Statistical Data

Name : Histograms

1. Identify the class interval table for the given histogram.



(i)

Class-Interval	11 - 14	14 - 17	17 - 20	20 - 23	23 - 26	26 - 29
Frequency	138	145	61	110	91	45

(ii)

Class-Interval	11 - 14	14 - 17	17 - 20	20 - 23	23 - 26	26 - 29
Frequency	138	58	145	110	91	45

(iii)

Class-Interval	11 - 14	14 - 17	17 - 20	20 - 23	23 - 26	26 - 29
Frequency	138	145	58	110	91	45

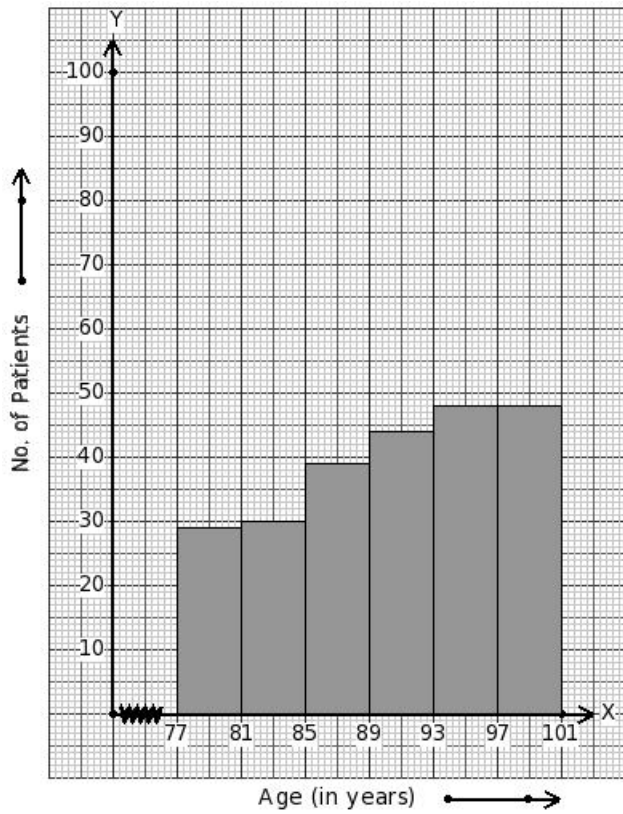
(iv)

Class-Interval	11 - 14	14 - 17	17 - 20	20 - 23	23 - 26	26 - 29
Frequency	138	145	58	108	91	45

(v)

Class-Interval	11 - 14	14 - 17	17 - 20	20 - 23	23 - 26	26 - 29
Frequency	138	45	58	110	91	145

2. In a study of heart patients, the following observations are obtained. Identify the class interval table for the given histogram.



(i)

Age (in years)	77 - 81	81 - 85	85 - 89	89 - 93	93 - 97	97 - 101
No. of Patients	29	30	43	44	48	48

(ii)

Age (in years)	77 - 81	81 - 85	85 - 89	89 - 93	93 - 97	97 - 101
No. of Patients	29	48	39	44	48	30

(iii)

Age (in years)	77 - 81	81 - 85	85 - 89	89 - 93	93 - 97	97 - 101
No. of Patients	29	30	39	41	48	48

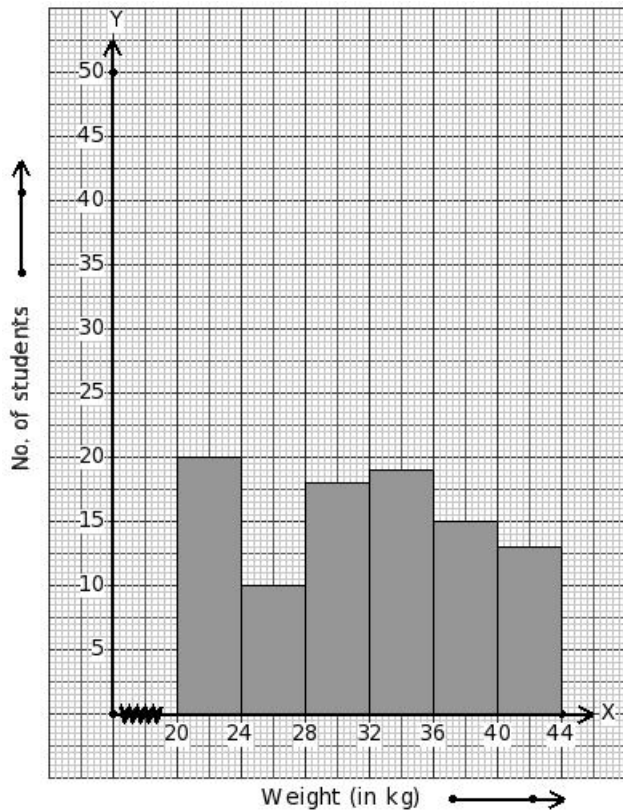
(iv)

Age (in years)	77 - 81	81 - 85	85 - 89	89 - 93	93 - 97	97 - 101
No. of Patients	29	30	39	44	48	48

(v)

Age (in years)	77 - 81	81 - 85	85 - 89	89 - 93	93 - 97	97 - 101
No. of Patients	29	39	30	44	48	48

3. Identify the class interval table for the given histogram.



(i)

Weight (in kg)	20 - 24	24 - 28	28 - 32	32 - 36	36 - 40	40 - 44
No. of students	20	18	10	19	15	13

(ii)

Weight (in kg)	20 - 24	24 - 28	28 - 32	32 - 36	36 - 40	40 - 44
No. of students	20	10	18	21	15	13

(iii)

Weight (in kg)	20 - 24	24 - 28	28 - 32	32 - 36	36 - 40	40 - 44
No. of students	20	13	18	19	15	10

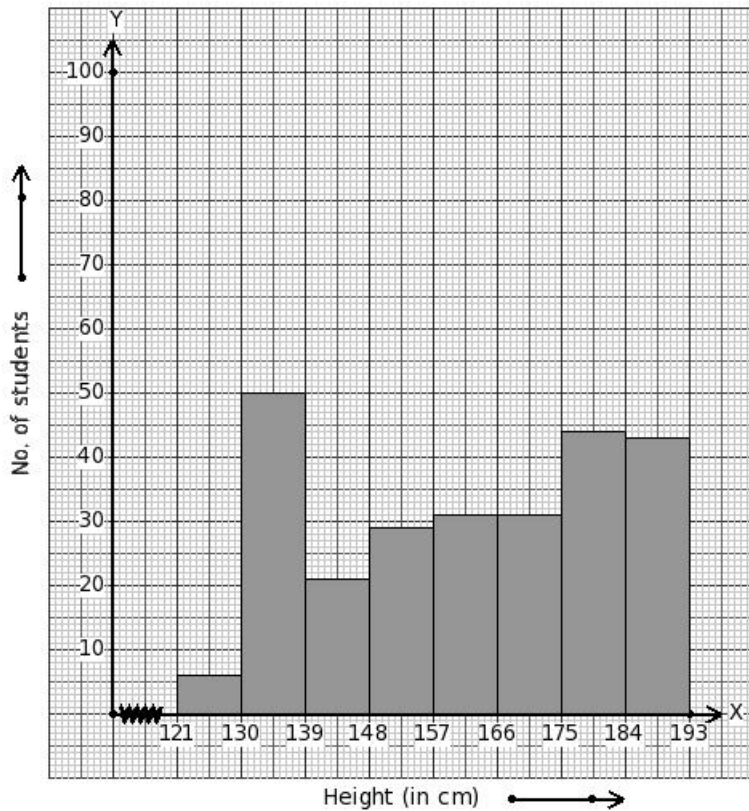
(iv)

Weight (in kg)	20 - 24	24 - 28	28 - 32	32 - 36	36 - 40	40 - 44
No. of students	20	10	15	19	15	13

(v)

Weight (in kg)	20 - 24	24 - 28	28 - 32	32 - 36	36 - 40	40 - 44
No. of students	20	10	18	19	15	13

4. Heights of 255 students (in cm) are given below. Identify the class interval table for the given histogram.



(i)

Height (in cm)	121 - 130	130 - 139	139 - 148	148 - 157	157 - 166	166 - 175	175 - 184	184 - 193
No. of students	6	50	25	29	31	31	44	43

(ii)

Height (in cm)	121 - 130	130 - 139	139 - 148	148 - 157	157 - 166	166 - 175	175 - 184	184 - 193
No. of students	6	43	21	29	31	31	44	50

(iii)

Height (in cm)	121 - 130	130 - 139	139 - 148	148 - 157	157 - 166	166 - 175	175 - 184	184 - 193
No. of students	6	50	21	29	31	31	44	43

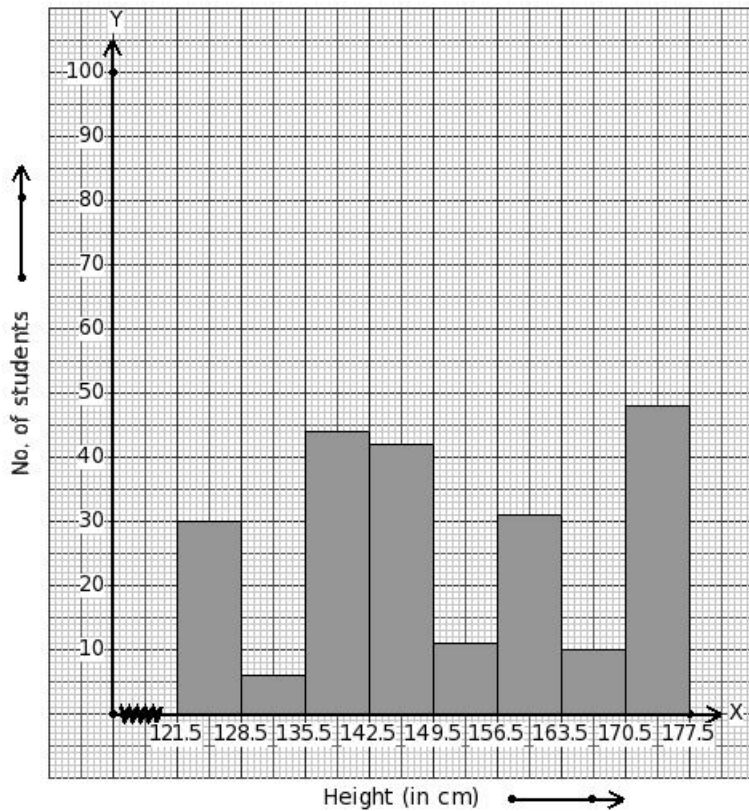
(iv)

Height (in cm)	121 - 130	130 - 139	139 - 148	148 - 157	157 - 166	166 - 175	175 - 184	184 - 193
No. of students	6	50	21	29	29	31	44	43

(v)

Height (in cm)	121 - 130	130 - 139	139 - 148	148 - 157	157 - 166	166 - 175	175 - 184	184 - 193
No. of students	6	50	29	21	31	31	44	43

5. Heights of 222 students (in cm) are given below. Identify the class interval table for the given histogram.



(i)

Height (in cm)	122 - 128	129 - 135	136 - 142	143 - 149	150 - 156	157 - 163	164 - 170	171 - 177
No. of students	30	6	47	42	11	31	10	48

(ii)

Height (in cm)	122 - 128	129 - 135	136 - 142	143 - 149	150 - 156	157 - 163	164 - 170	171 - 177
No. of students	30	6	42	44	11	31	10	48

(iii)

Height (in cm)	122 - 128	129 - 135	136 - 142	143 - 149	150 - 156	157 - 163	164 - 170	171 - 177
No. of students	30	48	44	42	11	31	10	6

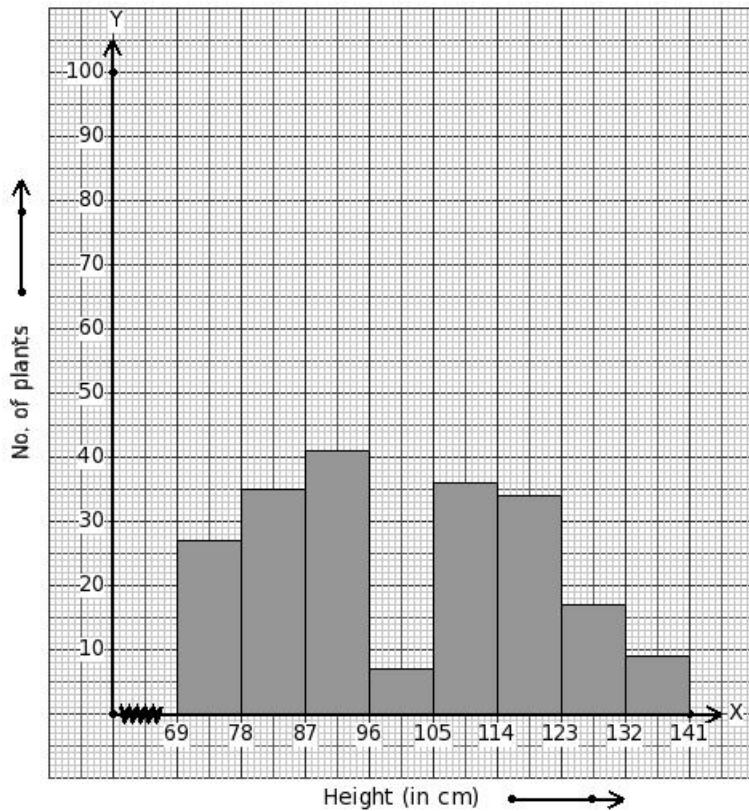
(iv)

Height (in cm)	122 - 128	129 - 135	136 - 142	143 - 149	150 - 156	157 - 163	164 - 170	171 - 177
No. of students	30	6	44	42	11	31	10	48

(v)

Height (in cm)	122 - 128	129 - 135	136 - 142	143 - 149	150 - 156	157 - 163	164 - 170	171 - 177
No. of students	30	6	44	42	16	31	10	48

6. Heights of 206 plants (in cm) are given below. Identify the class interval table for the given histogram.



(i)

Height (in cm)	69 - 78	78 - 87	87 - 96	96 - 105	105 - 114	114 - 123	123 - 132	132 - 141
No. of plants	27	35	41	7	41	34	17	9

(ii)

Height (in cm)	69 - 78	78 - 87	87 - 96	96 - 105	105 - 114	114 - 123	123 - 132	132 - 141
No. of plants	27	35	7	41	36	34	17	9

(iii)

Height (in cm)	69 - 78	78 - 87	87 - 96	96 - 105	105 - 114	114 - 123	123 - 132	132 - 141
No. of plants	27	9	41	7	36	34	17	35

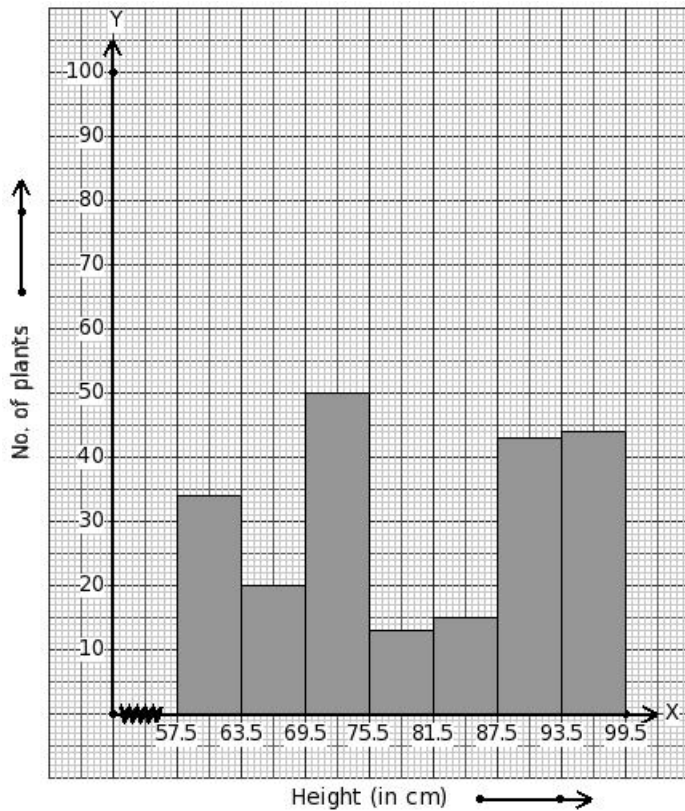
(iv)

Height (in cm)	69 - 78	78 - 87	87 - 96	96 - 105	105 - 114	114 - 123	123 - 132	132 - 141
No. of plants	27	35	41	7	36	34	17	9

(v)

Height (in cm)	69 - 78	78 - 87	87 - 96	96 - 105	105 - 114	114 - 123	123 - 132	132 - 141
No. of plants	27	35	39	7	36	34	17	9

7. Heights of 219 plants (in cm) are given below. Identify the class interval table for the given histogram.



(i)

Height (in cm)	58 - 63	64 - 69	70 - 75	76 - 81	82 - 87	88 - 93	94 - 99
No. of plants	34	20	53	13	15	43	44

(ii)

Height (in cm)	58 - 63	64 - 69	70 - 75	76 - 81	82 - 87	88 - 93	94 - 99
No. of plants	34	44	50	13	15	43	20

(iii)

Height (in cm)	58 - 63	64 - 69	70 - 75	76 - 81	82 - 87	88 - 93	94 - 99
No. of plants	34	20	50	13	15	43	44

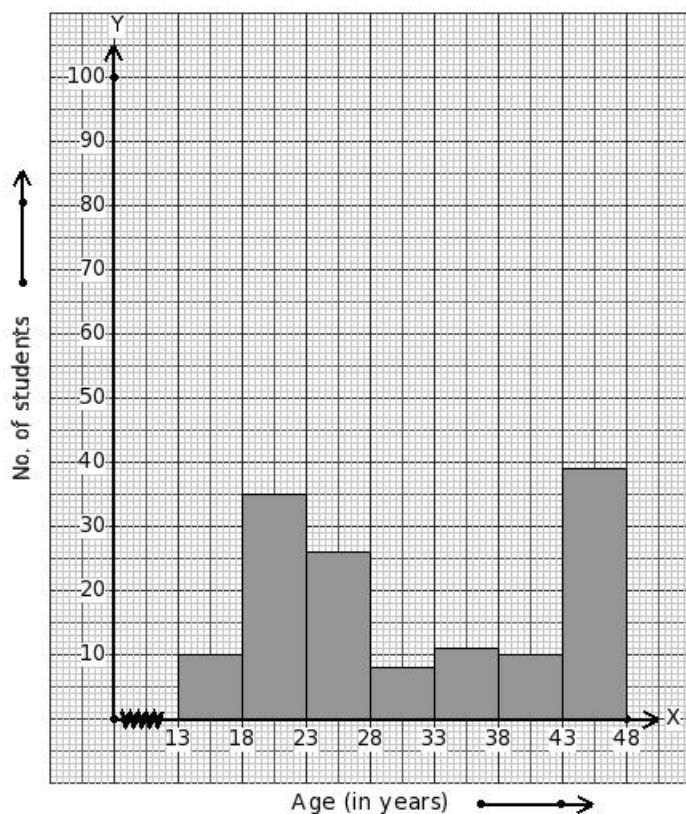
(iv)

Height (in cm)	58 - 63	64 - 69	70 - 75	76 - 81	82 - 87	88 - 93	94 - 99
No. of plants	34	50	20	13	15	43	44

(v)

Height (in cm)	58 - 63	64 - 69	70 - 75	76 - 81	82 - 87	88 - 93	94 - 99
No. of plants	34	20	50	15	15	43	44

8. Ages of 139 students (in years) are given below. Identify the class interval table for the given histogram.



(i)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48
No. of students	10	35	26	5	11	10	39

(ii)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48
No. of students	10	35	26	8	11	10	39

(iii)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48
No. of students	10	35	29	8	11	10	39

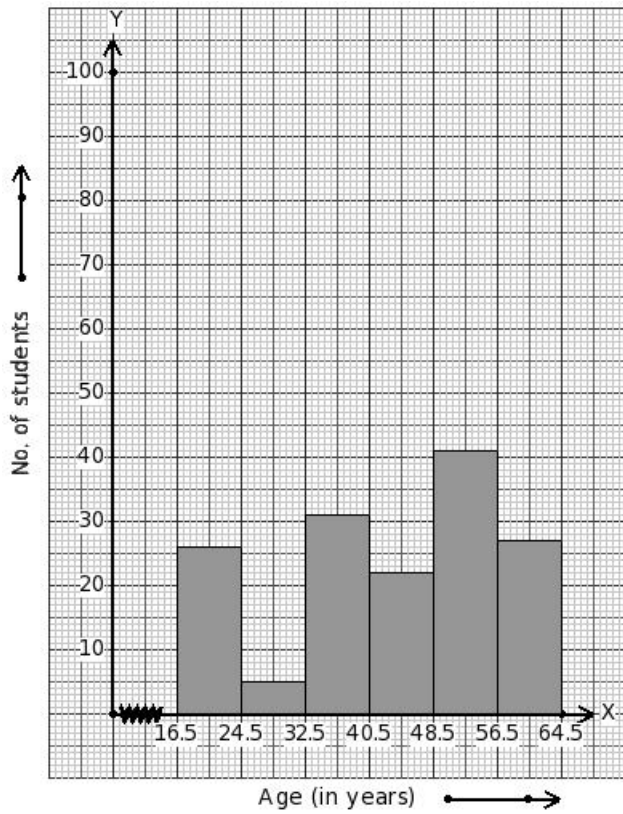
(iv)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48
No. of students	10	39	26	8	11	10	35

(v)

Age (in years)	13 - 18	18 - 23	23 - 28	28 - 33	33 - 38	38 - 43	43 - 48
No. of students	10	26	35	8	11	10	39

9. Ages of 152 students (in years) are given below. Identify the class interval table for the given histogram.



(i)

Age (in years)	17 - 24	25 - 32	33 - 40	41 - 48	49 - 56	57 - 64
No. of students	26	31	5	22	41	27

(ii)

Age (in years)	17 - 24	25 - 32	33 - 40	41 - 48	49 - 56	57 - 64
No. of students	26	5	31	26	41	27

(iii)

Age (in years)	17 - 24	25 - 32	33 - 40	41 - 48	49 - 56	57 - 64
No. of students	26	5	33	22	41	27

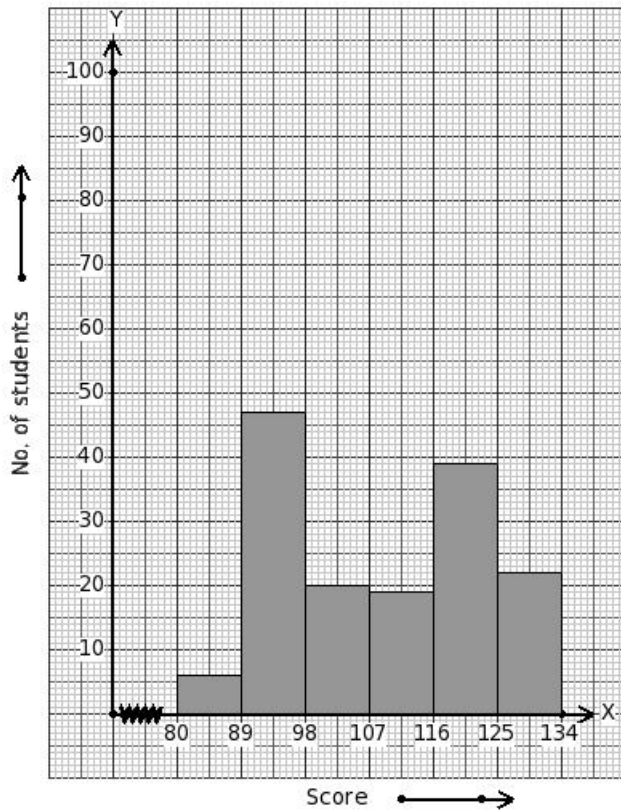
(iv)

Age (in years)	17 - 24	25 - 32	33 - 40	41 - 48	49 - 56	57 - 64
No. of students	26	27	31	22	41	5

(v)

Age (in years)	17 - 24	25 - 32	33 - 40	41 - 48	49 - 56	57 - 64
No. of students	26	5	31	22	41	27

10. Scores of 153 students are given below. Identify the class interval table for the given histogram.



(i)

Score	80 - 89	89 - 98	98 - 107	107 - 116	116 - 125	125 - 134
No. of students	6	22	20	19	39	47

(ii)

Score	80 - 89	89 - 98	98 - 107	107 - 116	116 - 125	125 - 134
No. of students	6	47	18	19	39	22

(iii)

Score	80 - 89	89 - 98	98 - 107	107 - 116	116 - 125	125 - 134
No. of students	6	47	20	19	39	22

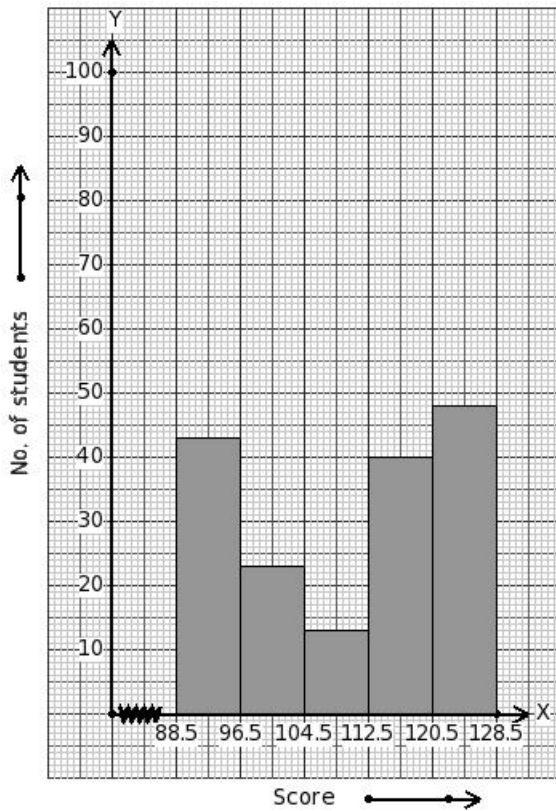
(iv)

Score	80 - 89	89 - 98	98 - 107	107 - 116	116 - 125	125 - 134
No. of students	6	47	20	23	39	22

(v)

Score	80 - 89	89 - 98	98 - 107	107 - 116	116 - 125	125 - 134
No. of students	6	20	47	19	39	22

11. Scores of 167 students are given below. Identify the class interval table for the given histogram.



(i)

Score	89 - 96	97 - 104	105 - 112	113 - 120	121 - 128
No. of students	43	23	15	40	48

(ii)

Score	89 - 96	97 - 104	105 - 112	113 - 120	121 - 128
No. of students	43	48	13	40	23

(iii)

Score	89 - 96	97 - 104	105 - 112	113 - 120	121 - 128
No. of students	43	23	13	40	48

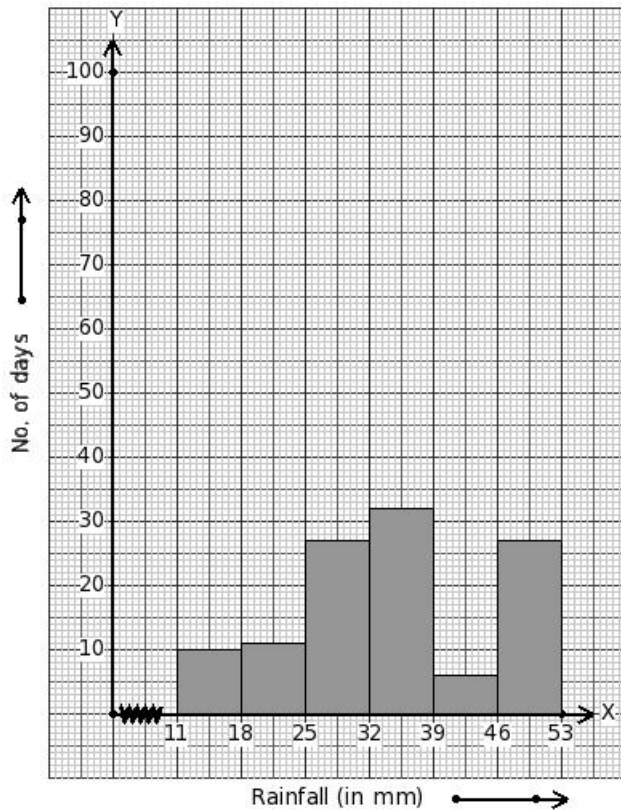
(iv)

Score	89 - 96	97 - 104	105 - 112	113 - 120	121 - 128
No. of students	43	21	13	40	48

(v)

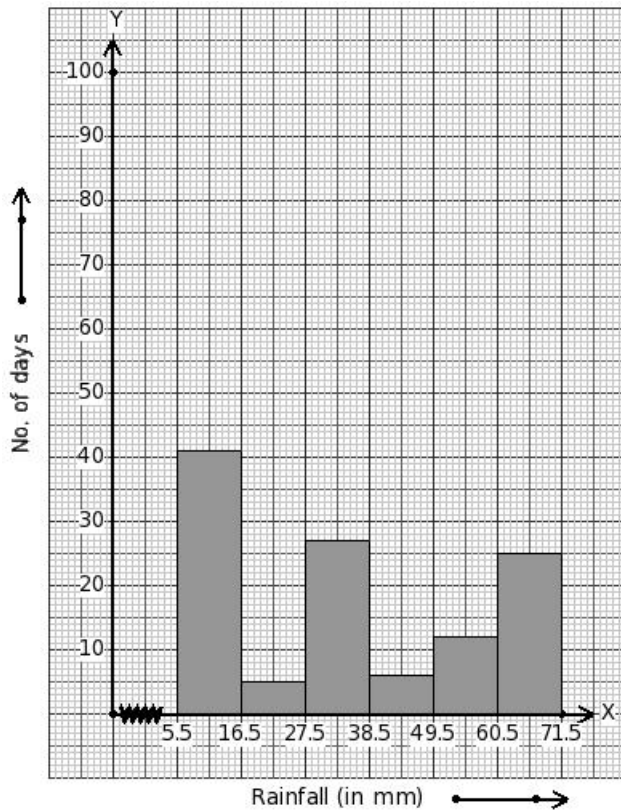
Score	89 - 96	97 - 104	105 - 112	113 - 120	121 - 128
No. of students	43	13	23	40	48

12. Rainfall of 113 days (in mm) are given below. Identify the class interval table for the given histogram.



- (i)
- | Rainfall (in mm) | 11 - 18 | 18 - 25 | 25 - 32 | 32 - 39 | 39 - 46 | 46 - 53 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 10 | 11 | 27 | 29 | 6 | 27 |
- (ii)
- | Rainfall (in mm) | 11 - 18 | 18 - 25 | 25 - 32 | 32 - 39 | 39 - 46 | 46 - 53 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 10 | 27 | 11 | 32 | 6 | 27 |
- (iii)
- | Rainfall (in mm) | 11 - 18 | 18 - 25 | 25 - 32 | 32 - 39 | 39 - 46 | 46 - 53 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 10 | 27 | 27 | 32 | 6 | 11 |
- (iv)
- | Rainfall (in mm) | 11 - 18 | 18 - 25 | 25 - 32 | 32 - 39 | 39 - 46 | 46 - 53 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 10 | 11 | 27 | 32 | 6 | 27 |
- (v)
- | Rainfall (in mm) | 11 - 18 | 18 - 25 | 25 - 32 | 32 - 39 | 39 - 46 | 46 - 53 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 10 | 11 | 23 | 32 | 6 | 27 |

13. Rainfall of 116 days (in mm) are given below. Identify the class interval table for the given histogram.



(i)

Rainfall (in mm)	6 - 16	17 - 27	28 - 38	39 - 49	50 - 60	61 - 71
No. of days	41	5	24	6	12	25

(ii)

Rainfall (in mm)	6 - 16	17 - 27	28 - 38	39 - 49	50 - 60	61 - 71
No. of days	41	27	5	6	12	25

(iii)

Rainfall (in mm)	6 - 16	17 - 27	28 - 38	39 - 49	50 - 60	61 - 71
No. of days	41	25	27	6	12	5

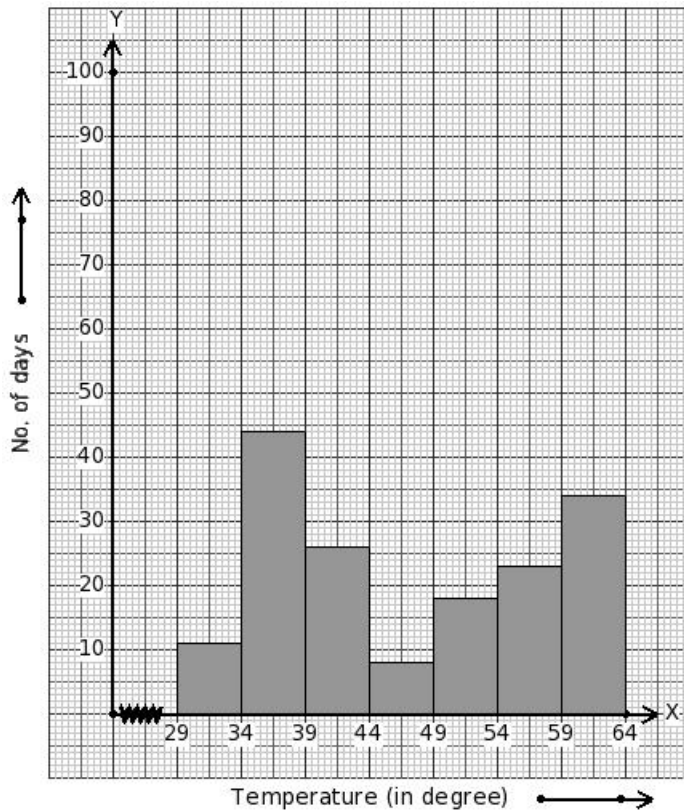
(iv)

Rainfall (in mm)	6 - 16	17 - 27	28 - 38	39 - 49	50 - 60	61 - 71
No. of days	41	5	27	6	12	25

(v)

Rainfall (in mm)	6 - 16	17 - 27	28 - 38	39 - 49	50 - 60	61 - 71
No. of days	41	5	27	4	12	25

14. Temperatures of 164 days (in °C) are given below. Identify the class interval table for the given histogram.



(i)

Temperature (in degree)	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59	59 - 64
No. of days	11	26	44	8	18	23	34

(ii)

Temperature (in degree)	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59	59 - 64
No. of days	11	34	26	8	18	23	44

(iii)

Temperature (in degree)	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59	59 - 64
No. of days	11	44	26	5	18	23	34

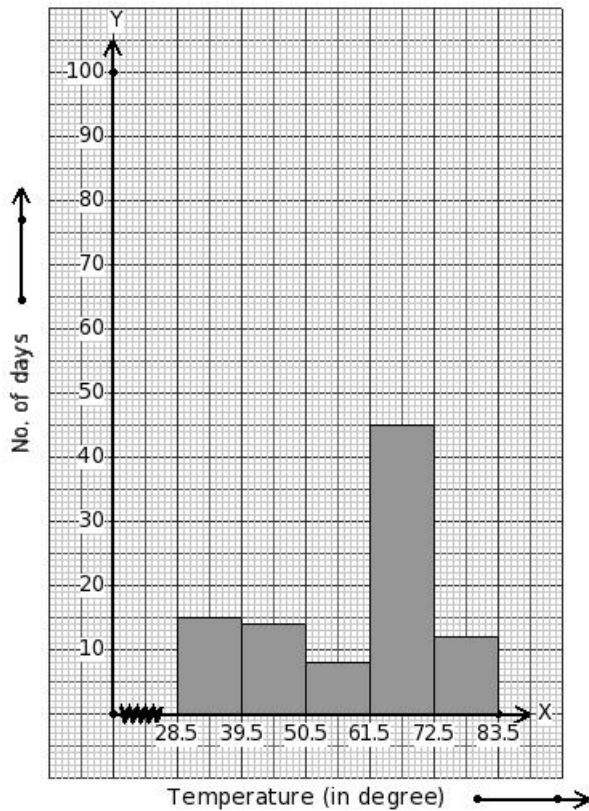
(iv)

Temperature (in degree)	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59	59 - 64
No. of days	11	44	22	8	18	23	34

(v)

Temperature (in degree)	29 - 34	34 - 39	39 - 44	44 - 49	49 - 54	54 - 59	59 - 64
No. of days	11	44	26	8	18	23	34

15. Temperatures of 94 days (in °C) are given below. Identify the class interval table for the given histogram.



(i)

Temperature (in degree)	29 - 39	40 - 50	51 - 61	62 - 72	73 - 83
No. of days	15	14	6	45	12

(ii)

Temperature (in degree)	29 - 39	40 - 50	51 - 61	62 - 72	73 - 83
No. of days	15	12	8	45	14

(iii)

Temperature (in degree)	29 - 39	40 - 50	51 - 61	62 - 72	73 - 83
No. of days	15	14	8	45	12

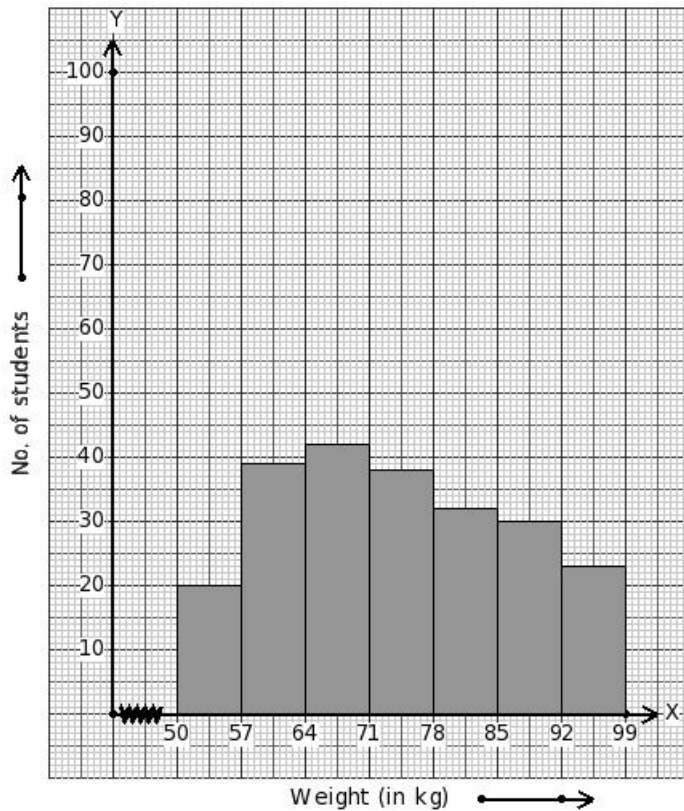
(iv)

Temperature (in degree)	29 - 39	40 - 50	51 - 61	62 - 72	73 - 83
No. of days	15	19	8	45	12

(v)

Temperature (in degree)	29 - 39	40 - 50	51 - 61	62 - 72	73 - 83
No. of days	15	8	14	45	12

16. Weights of 224 students (in kg) are given below. Identify the class interval table for the given histogram.



(i)

Weight (in kg)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
No. of students	20	39	42	38	32	30	23

(ii)

Weight (in kg)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
No. of students	20	42	39	38	32	30	23

(iii)

Weight (in kg)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
No. of students	20	39	47	38	32	30	23

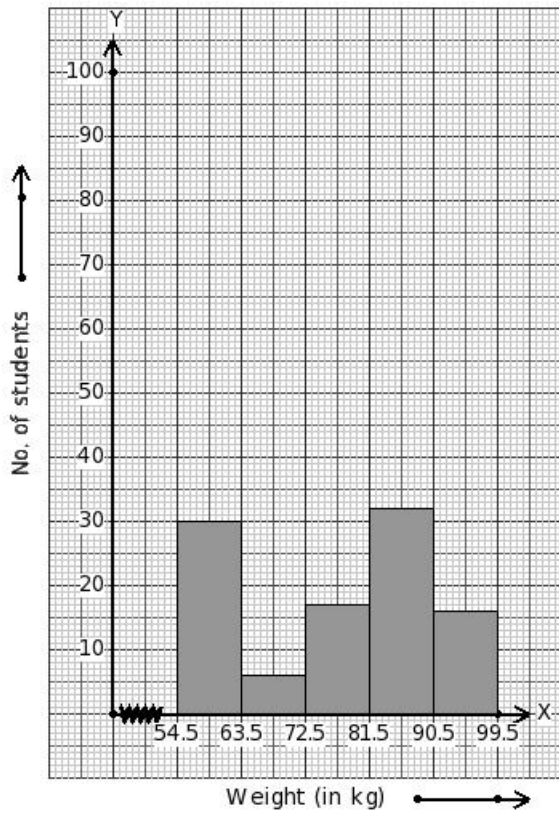
(iv)

Weight (in kg)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
No. of students	20	23	42	38	32	30	39

(v)

Weight (in kg)	50 - 57	57 - 64	64 - 71	71 - 78	78 - 85	85 - 92	92 - 99
No. of students	20	39	42	33	32	30	23

17. Weights of 101 students (in kg) are given below. Identify the class interval table for the given histogram.



(i)

Weight (in kg)	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99
No. of students	30	16	17	32	6

(ii)

Weight (in kg)	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99
No. of students	30	17	6	32	16

(iii)

Weight (in kg)	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99
No. of students	30	6	12	32	16

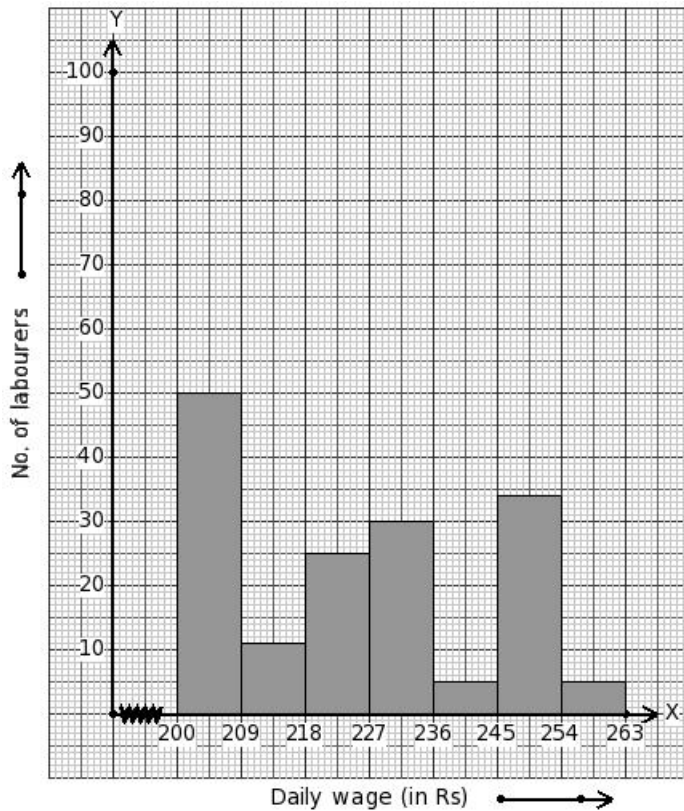
(iv)

Weight (in kg)	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99
No. of students	30	8	17	32	16

(v)

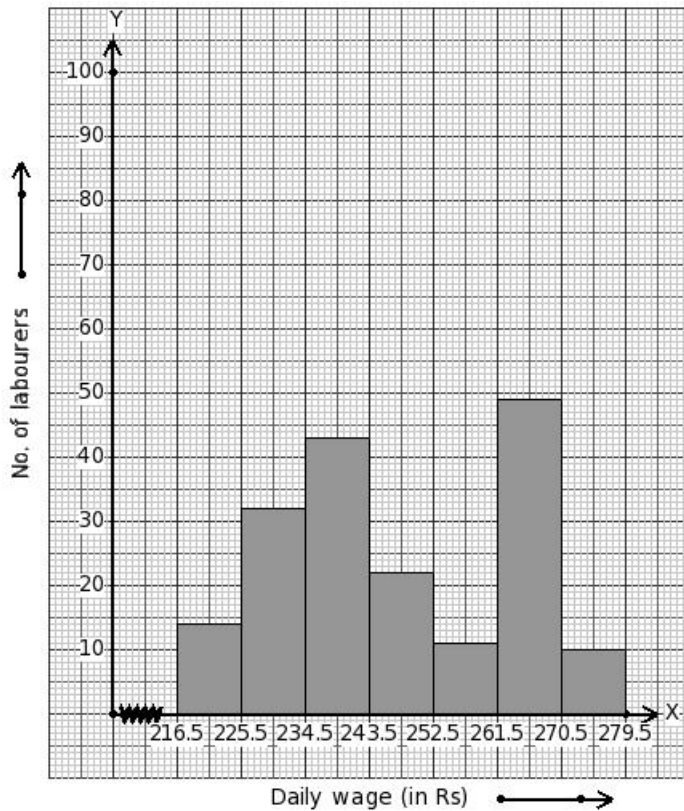
Weight (in kg)	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99
No. of students	30	6	17	32	16

18. Daily wages of 160 labourers (in ₹) are given below. Identify the class interval table for the given histogram.



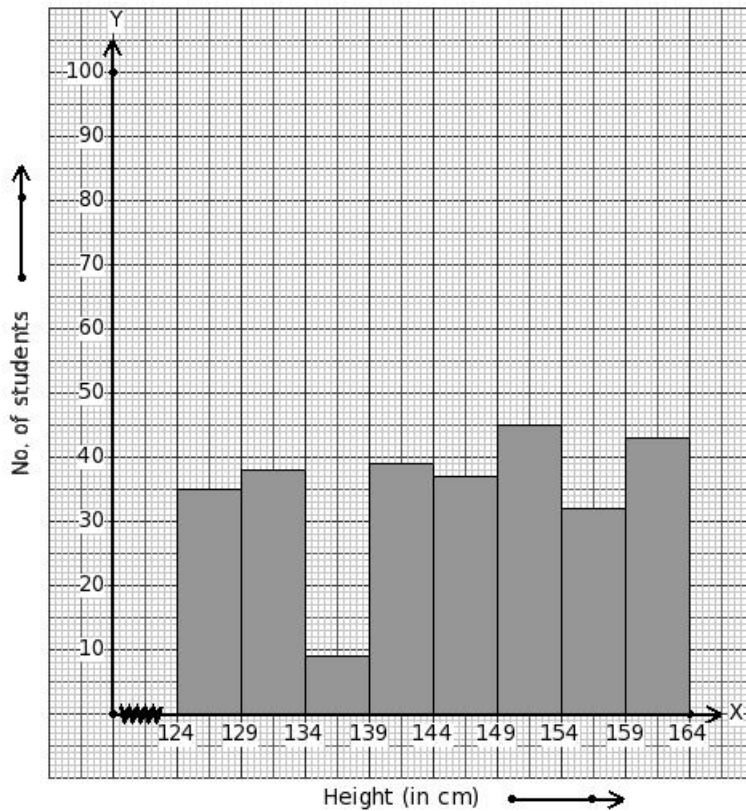
- (i)
- | Daily wage (in Rs) | 200 - 209 | 209 - 218 | 218 - 227 | 227 - 236 | 236 - 245 | 245 - 254 | 254 - 263 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 50 | 11 | 20 | 30 | 5 | 34 | 5 |
- (ii)
- | Daily wage (in Rs) | 200 - 209 | 209 - 218 | 218 - 227 | 227 - 236 | 236 - 245 | 245 - 254 | 254 - 263 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 50 | 11 | 25 | 35 | 5 | 34 | 5 |
- (iii)
- | Daily wage (in Rs) | 200 - 209 | 209 - 218 | 218 - 227 | 227 - 236 | 236 - 245 | 245 - 254 | 254 - 263 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 50 | 11 | 25 | 30 | 5 | 34 | 5 |
- (iv)
- | Daily wage (in Rs) | 200 - 209 | 209 - 218 | 218 - 227 | 227 - 236 | 236 - 245 | 245 - 254 | 254 - 263 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 50 | 25 | 11 | 30 | 5 | 34 | 5 |
- (v)
- | Daily wage (in Rs) | 200 - 209 | 209 - 218 | 218 - 227 | 227 - 236 | 236 - 245 | 245 - 254 | 254 - 263 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 50 | 5 | 25 | 30 | 5 | 34 | 11 |

19. Daily wages of 181 labourers (in ₹) are given below. Identify the class interval table for the given histogram.



- (i)
- | Daily wage (in Rs) | 217 - 225 | 226 - 234 | 235 - 243 | 244 - 252 | 253 - 261 | 262 - 270 | 271 - 279 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 14 | 10 | 43 | 22 | 11 | 49 | 32 |
- (ii)
- | Daily wage (in Rs) | 217 - 225 | 226 - 234 | 235 - 243 | 244 - 252 | 253 - 261 | 262 - 270 | 271 - 279 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 14 | 32 | 39 | 22 | 11 | 49 | 10 |
- (iii)
- | Daily wage (in Rs) | 217 - 225 | 226 - 234 | 235 - 243 | 244 - 252 | 253 - 261 | 262 - 270 | 271 - 279 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 14 | 32 | 43 | 17 | 11 | 49 | 10 |
- (iv)
- | Daily wage (in Rs) | 217 - 225 | 226 - 234 | 235 - 243 | 244 - 252 | 253 - 261 | 262 - 270 | 271 - 279 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 14 | 43 | 32 | 22 | 11 | 49 | 10 |
- (v)
- | Daily wage (in Rs) | 217 - 225 | 226 - 234 | 235 - 243 | 244 - 252 | 253 - 261 | 262 - 270 | 271 - 279 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 14 | 32 | 43 | 22 | 11 | 49 | 10 |

20. Heights of 278 students (in cm) are given below. Identify the class mark table for the given histogram.



(i)

Height (in cm)	126.5	131.5	136.5	141.5	146.5	151.5	156.5	161.5
No. of students	35	38	39	9	37	45	32	43

(ii)

Height (in cm)	126.5	131.5	136.5	141.5	146.5	151.5	156.5	161.5
No. of students	35	38	9	39	32	45	32	43

(iii)

Height (in cm)	126.5	131.5	136.5	141.5	146.5	151.5	156.5	161.5
No. of students	35	38	14	39	37	45	32	43

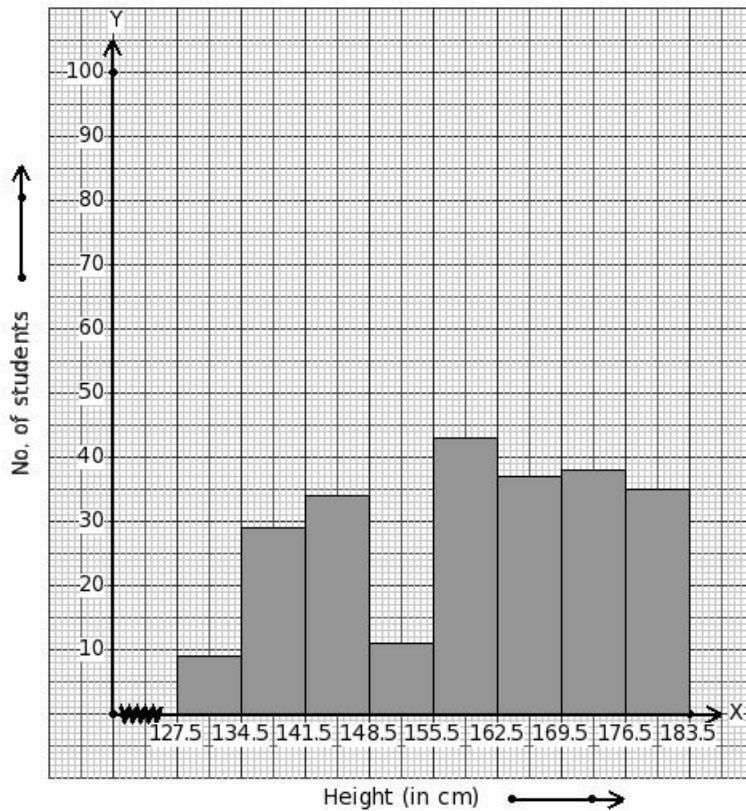
(iv)

Height (in cm)	126.5	131.5	136.5	141.5	146.5	151.5	156.5	161.5
No. of students	35	43	9	39	37	45	32	38

(v)

Height (in cm)	126.5	131.5	136.5	141.5	146.5	151.5	156.5	161.5
No. of students	35	38	9	39	37	45	32	43

21. Heights of 236 students (in cm) are given below. Identify the class mark table for the given histogram.



(i)

Height (in cm)	131	138	145	152	159	166	173	180
No. of students	9	29	34	11	46	37	38	35

(ii)

Height (in cm)	131	138	145	152	159	166	173	180
No. of students	9	29	34	11	43	37	38	35

(iii)

Height (in cm)	131	138	145	152	159	166	173	180
No. of students	9	29	11	34	43	37	38	35

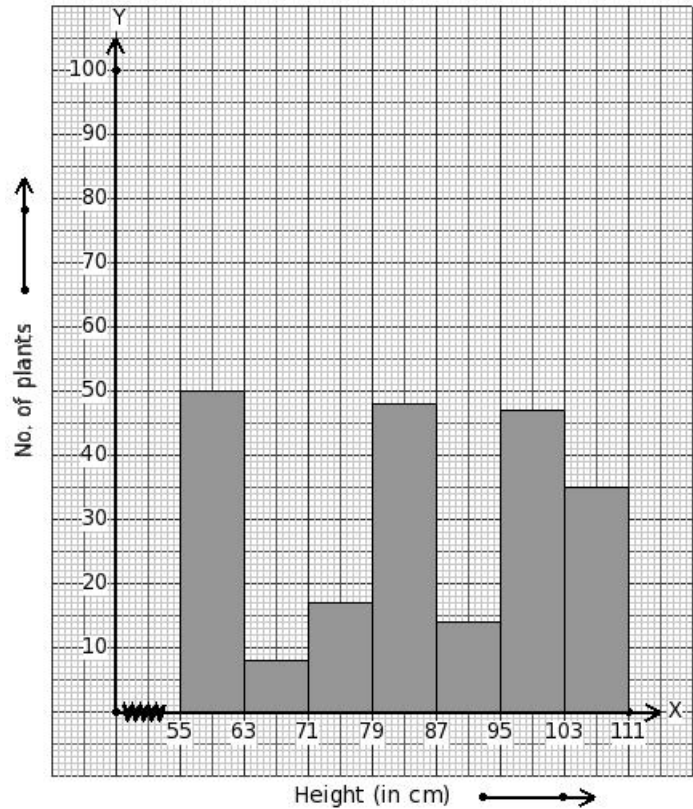
(iv)

Height (in cm)	131	138	145	152	159	166	173	180
No. of students	9	29	29	11	43	37	38	35

(v)

Height (in cm)	131	138	145	152	159	166	173	180
No. of students	9	35	34	11	43	37	38	29

22. Heights of 219 plants (in cm) are given below. Identify the class mark table for the given histogram.



- (i)

Height (in cm)	59	67	75	83	91	99	107
No. of plants	50	8	17	48	14	47	35
- (ii)

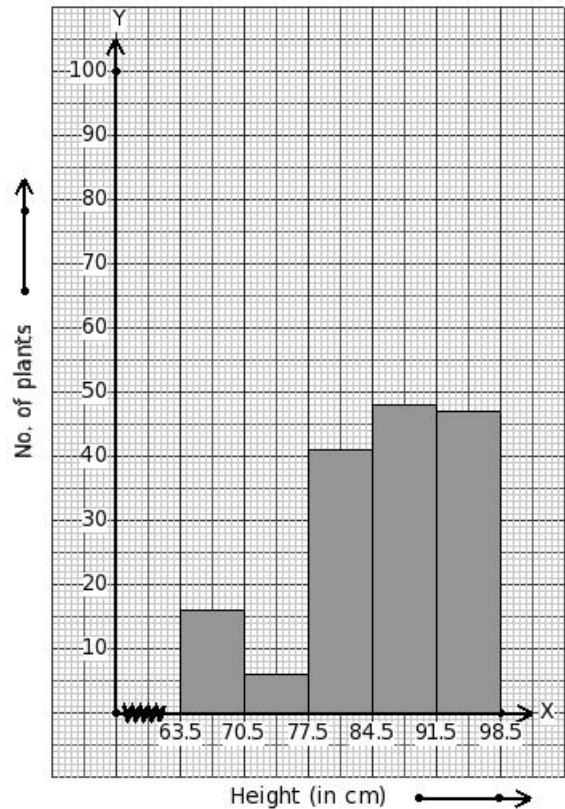
Height (in cm)	59	67	75	83	91	99	107
No. of plants	50	8	17	52	14	47	35
- (iii)

Height (in cm)	59	67	75	83	91	99	107
No. of plants	50	35	17	48	14	47	8
- (iv)

Height (in cm)	59	67	75	83	91	99	107
No. of plants	50	8	15	48	14	47	35
- (v)

Height (in cm)	59	67	75	83	91	99	107
No. of plants	50	17	8	48	14	47	35

23. Heights of 158 plants (in cm) are given below. Identify the class mark table for the given histogram.



(i)

Height (in cm)	67	74	81	88	95
No. of plants	16	41	6	48	47

(ii)

Height (in cm)	67	74	81	88	95
No. of plants	16	47	41	48	6

(iii)

Height (in cm)	67	74	81	88	95
No. of plants	16	6	41	48	47

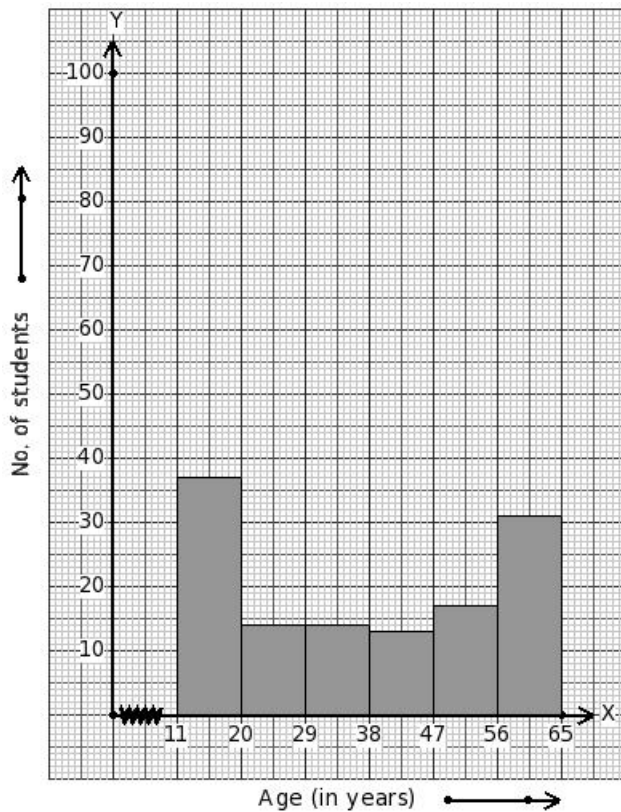
(iv)

Height (in cm)	67	74	81	88	95
No. of plants	16	1	41	48	47

(v)

Height (in cm)	67	74	81	88	95
No. of plants	16	6	44	48	47

24. Ages of 126 students (in years) are given below. Identify the class mark table for the given histogram.



(i)

Age (in years)	15.5	24.5	33.5	42.5	51.5	60.5
No. of students	37	14	14	13	17	31

(ii)

Age (in years)	15.5	24.5	33.5	42.5	51.5	60.5
No. of students	37	14	17	13	17	31

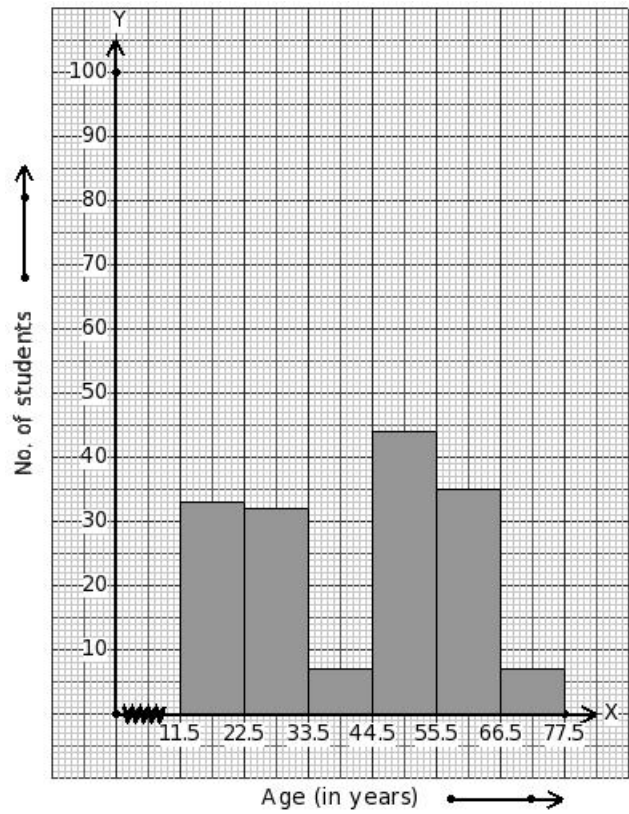
(iii)

Age (in years)	15.5	24.5	33.5	42.5	51.5	60.5
No. of students	37	31	14	13	17	14

(iv)

Age (in years)	15.5	24.5	33.5	42.5	51.5	60.5
No. of students	37	14	14	8	17	31

25. Ages of 158 students (in years) are given below. Identify the class mark table for the given histogram.



- (i)

Age (in years)	17	28	39	50	61	72
No. of students	33	7	7	44	35	32
- (ii)

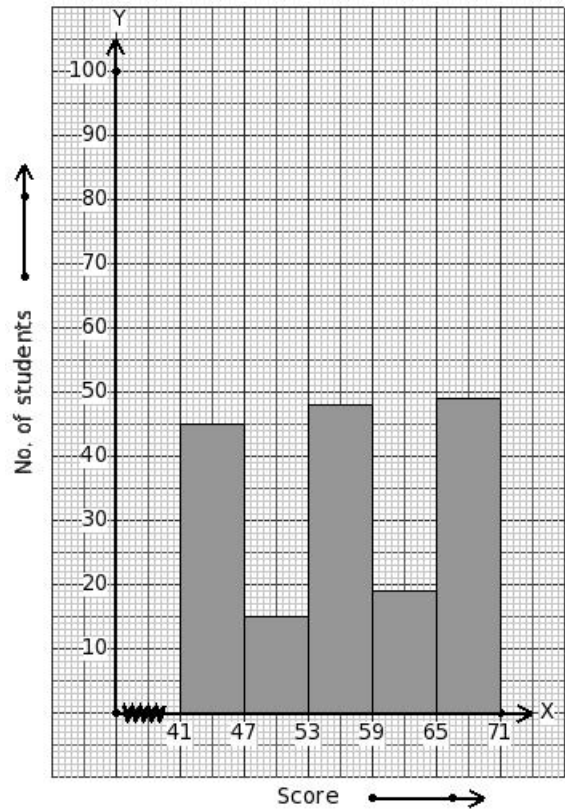
Age (in years)	17	28	39	50	61	72
No. of students	33	32	7	44	35	7
- (iii)

Age (in years)	17	28	39	50	61	72
No. of students	33	7	32	44	35	7
- (iv)

Age (in years)	17	28	39	50	61	72
No. of students	33	32	7	40	35	7
- (v)

Age (in years)	17	28	39	50	61	72
No. of students	33	32	4	44	35	7

26. Scores of 176 students are given below. Identify the class mark table for the given histogram.



(i)	Score	44	50	56	62	68
	No. of students	45	49	48	19	15

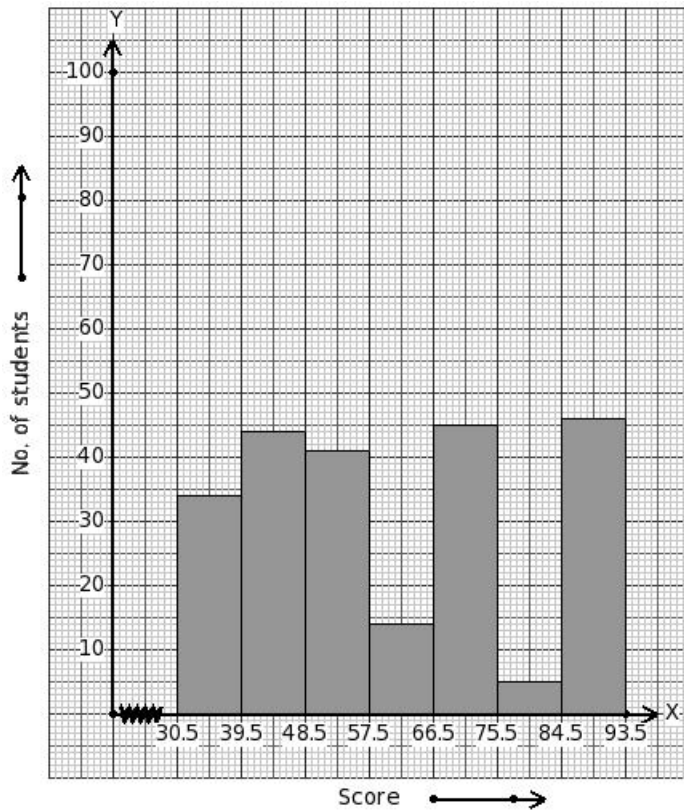
(ii)	Score	44	50	56	62	68
	No. of students	45	17	48	19	49

(iii)	Score	44	50	56	62	68
	No. of students	45	48	15	19	49

(iv)	Score	44	50	56	62	68
	No. of students	45	15	48	19	49

(v)	Score	44	50	56	62	68
	No. of students	45	15	44	19	49

27. Scores of 229 students are given below. Identify the class mark table for the given histogram.



(i)	Score	35	44	53	62	71	80	89
	No. of students	34	44	41	14	45	5	46

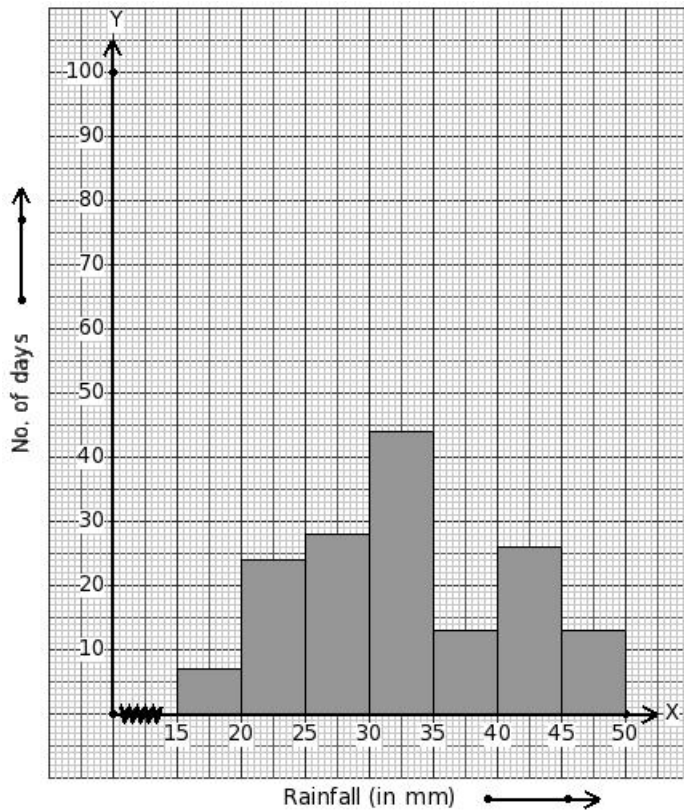
(ii)	Score	35	44	53	62	71	80	89
	No. of students	34	44	37	14	45	5	46

(iii)	Score	35	44	53	62	71	80	89
	No. of students	34	41	44	14	45	5	46

(iv)	Score	35	44	53	62	71	80	89
	No. of students	34	46	41	14	45	5	44

(v)	Score	35	44	53	62	71	80	89
	No. of students	34	44	41	12	45	5	46

28. Rainfall of 155 days (in mm) are given below. Identify the class mark table for the given histogram.



(i)

Rainfall (in mm)	17.5	22.5	27.5	32.5	37.5	42.5	47.5
No. of days	7	24	28	40	13	26	13

(ii)

Rainfall (in mm)	17.5	22.5	27.5	32.5	37.5	42.5	47.5
No. of days	7	24	28	44	13	26	13

(iii)

Rainfall (in mm)	17.5	22.5	27.5	32.5	37.5	42.5	47.5
No. of days	7	24	25	44	13	26	13

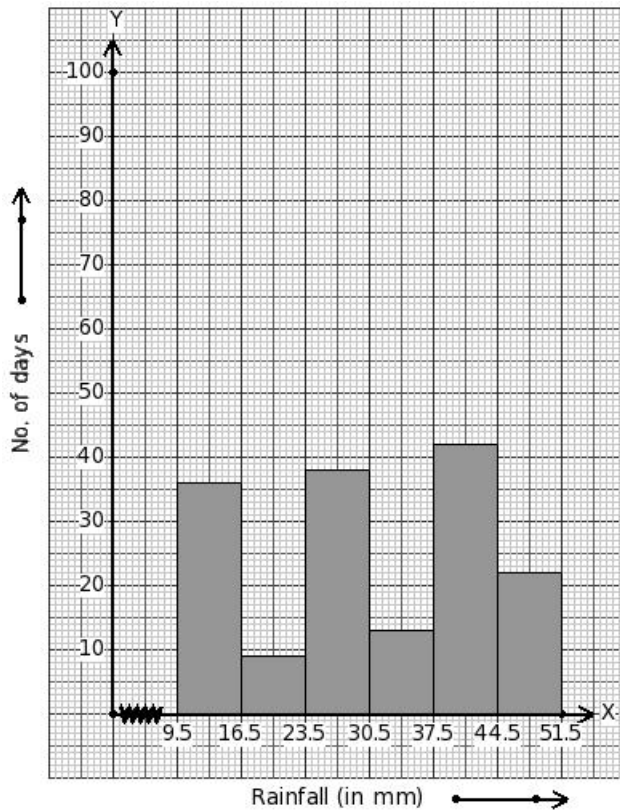
(iv)

Rainfall (in mm)	17.5	22.5	27.5	32.5	37.5	42.5	47.5
No. of days	7	28	24	44	13	26	13

(v)

Rainfall (in mm)	17.5	22.5	27.5	32.5	37.5	42.5	47.5
No. of days	7	13	28	44	13	26	24

29. Rainfall of 160 days (in mm) are given below. Identify the class mark table for the given histogram.



- (i)

Rainfall (in mm)	13	20	27	34	41	48
No. of days	36	9	38	13	42	22
- (ii)

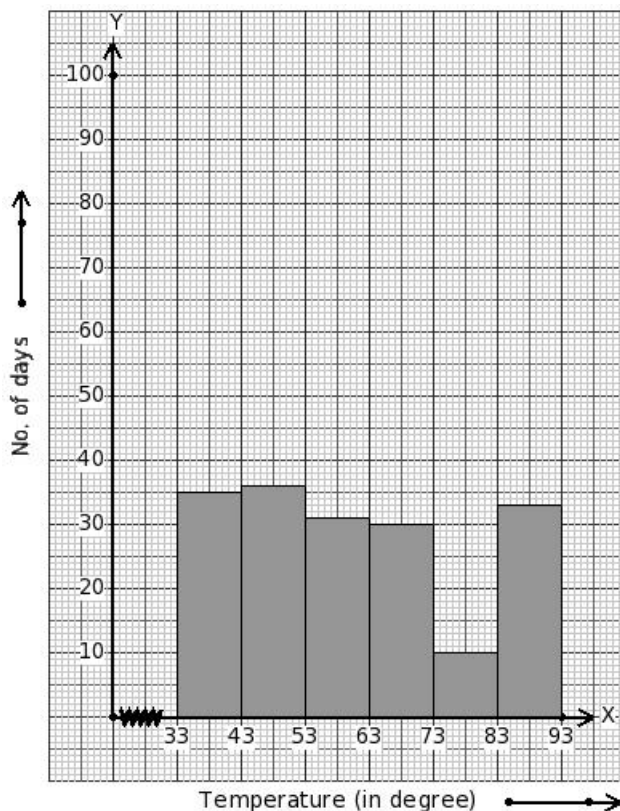
Rainfall (in mm)	13	20	27	34	41	48
No. of days	36	38	9	13	42	22
- (iii)

Rainfall (in mm)	13	20	27	34	41	48
No. of days	36	9	38	8	42	22
- (iv)

Rainfall (in mm)	13	20	27	34	41	48
No. of days	36	22	38	13	42	9
- (v)

Rainfall (in mm)	13	20	27	34	41	48
No. of days	36	9	35	13	42	22

30. Temperatures of 175 days (in °C) are given below. Identify the class mark table for the given histogram.



(i)

Temperature (in degree)	38	48	58	68	78	88
No. of days	35	33	31	30	10	36

(ii)

Temperature (in degree)	38	48	58	68	78	88
No. of days	35	31	36	30	10	33

(iii)

Temperature (in degree)	38	48	58	68	78	88
No. of days	35	36	31	30	10	33

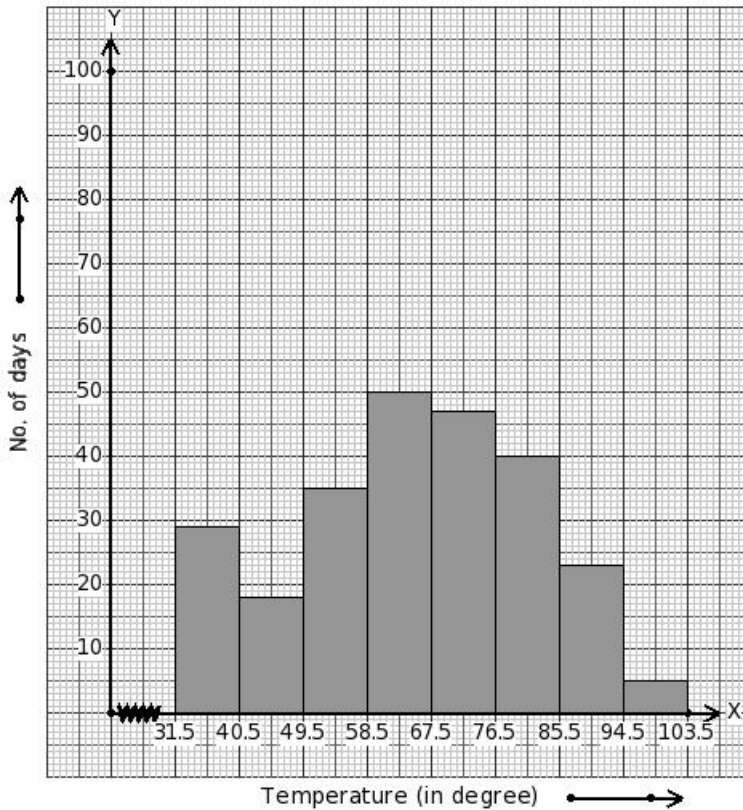
(iv)

Temperature (in degree)	38	48	58	68	78	88
No. of days	35	36	31	34	10	33

(v)

Temperature (in degree)	38	48	58	68	78	88
No. of days	35	36	33	30	10	33

31. Temperatures of 247 days (in °C) are given below. Identify the class mark table for the given histogram.



(i)

Temperature (in degree)	36	45	54	63	72	81	90	99
No. of days	29	18	31	50	47	40	23	5

(ii)

Temperature (in degree)	36	45	54	63	72	81	90	99
No. of days	29	18	35	50	45	40	23	5

(iii)

Temperature (in degree)	36	45	54	63	72	81	90	99
No. of days	29	5	35	50	47	40	23	18

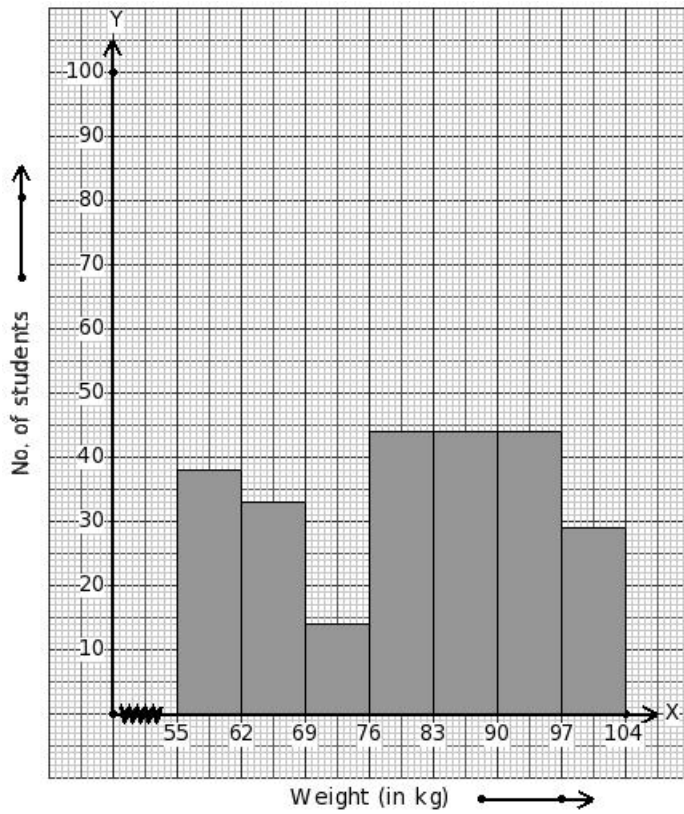
(iv)

Temperature (in degree)	36	45	54	63	72	81	90	99
No. of days	29	18	35	50	47	40	23	5

(v)

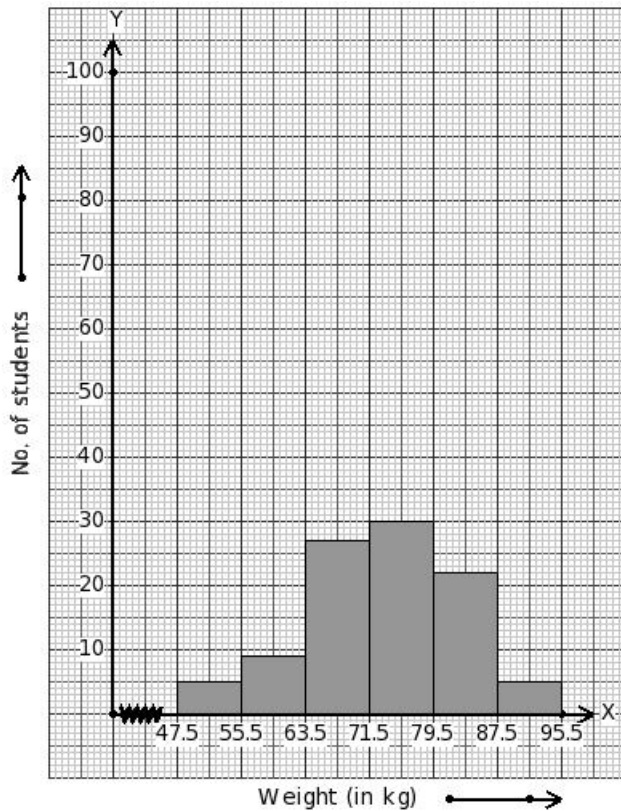
Temperature (in degree)	36	45	54	63	72	81	90	99
No. of days	29	18	50	35	47	40	23	5

32. Weights of 246 students (in kg) are given below. Identify the class mark table for the given histogram.



- (i)
- | Weight (in kg) | 58.5 | 65.5 | 72.5 | 79.5 | 86.5 | 93.5 | 100.5 |
|-----------------|------|------|------|------|------|------|-------|
| No. of students | 38 | 14 | 33 | 44 | 44 | 44 | 29 |
- (ii)
- | Weight (in kg) | 58.5 | 65.5 | 72.5 | 79.5 | 86.5 | 93.5 | 100.5 |
|-----------------|------|------|------|------|------|------|-------|
| No. of students | 38 | 33 | 14 | 46 | 44 | 44 | 29 |
- (iii)
- | Weight (in kg) | 58.5 | 65.5 | 72.5 | 79.5 | 86.5 | 93.5 | 100.5 |
|-----------------|------|------|------|------|------|------|-------|
| No. of students | 38 | 29 | 14 | 44 | 44 | 44 | 33 |
- (iv)
- | Weight (in kg) | 58.5 | 65.5 | 72.5 | 79.5 | 86.5 | 93.5 | 100.5 |
|-----------------|------|------|------|------|------|------|-------|
| No. of students | 38 | 33 | 16 | 44 | 44 | 44 | 29 |
- (v)
- | Weight (in kg) | 58.5 | 65.5 | 72.5 | 79.5 | 86.5 | 93.5 | 100.5 |
|-----------------|------|------|------|------|------|------|-------|
| No. of students | 38 | 33 | 14 | 44 | 44 | 44 | 29 |

33. Weights of 98 students (in kg) are given below. Identify the class mark table for the given histogram.



(i)

Weight (in kg)	51.5	59.5	67.5	75.5	83.5	91.5
No. of students	5	5	27	30	22	9

(ii)

Weight (in kg)	51.5	59.5	67.5	75.5	83.5	91.5
No. of students	5	27	9	30	22	5

(iii)

Weight (in kg)	51.5	59.5	67.5	75.5	83.5	91.5
No. of students	5	9	27	34	22	5

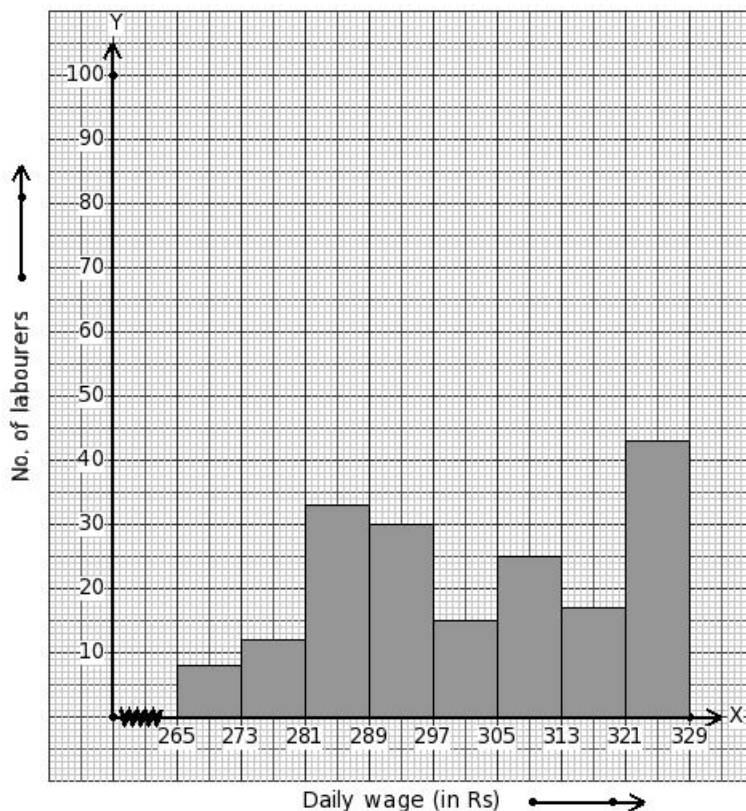
(iv)

Weight (in kg)	51.5	59.5	67.5	75.5	83.5	91.5
No. of students	5	9	27	30	22	5

(v)

Weight (in kg)	51.5	59.5	67.5	75.5	83.5	91.5
No. of students	5	9	29	30	22	5

34. Daily wages of 183 labourers (in ₹) are given below. Identify the class mark table for the given histogram.



(i)

Daily wage (in Rs)	269	277	285	293	301	309	317	325
No. of labourers	8	43	33	30	15	25	17	12

(ii)

Daily wage (in Rs)	269	277	285	293	301	309	317	325
No. of labourers	8	12	33	30	15	25	17	43

(iii)

Daily wage (in Rs)	269	277	285	293	301	309	317	325
No. of labourers	8	12	33	30	18	25	17	43

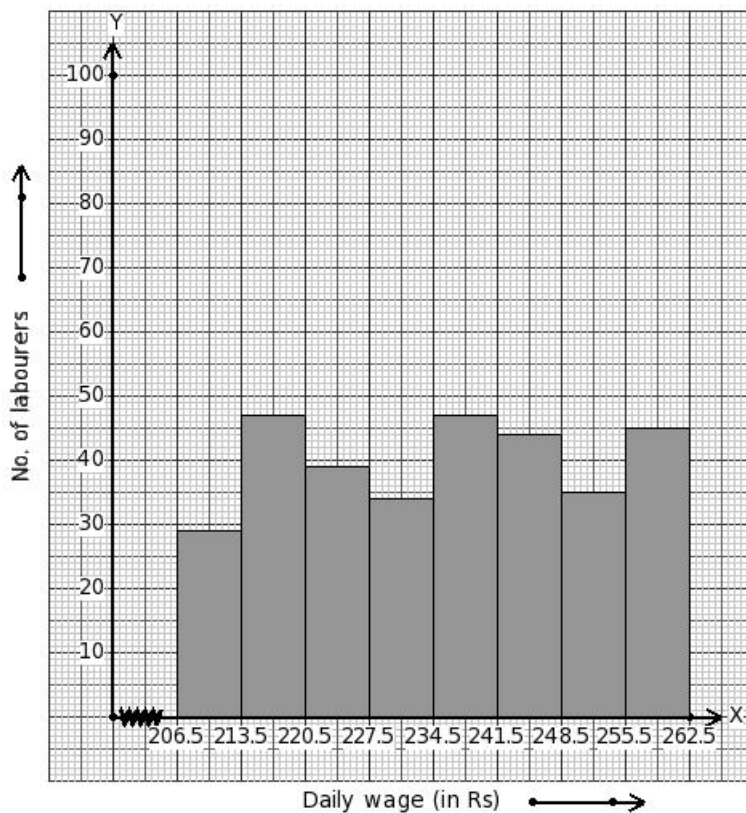
(iv)

Daily wage (in Rs)	269	277	285	293	301	309	317	325
No. of labourers	8	12	30	33	15	25	17	43

(v)

Daily wage (in Rs)	269	277	285	293	301	309	317	325
No. of labourers	8	12	29	30	15	25	17	43

35. Daily wages of 320 labourers (in ₹) are given below. Identify the class mark table for the given histogram.



(i)

Daily wage (in Rs)	210	217	224	231	238	245	252	259
No. of labourers	29	45	39	34	47	44	35	47

(ii)

Daily wage (in Rs)	210	217	224	231	238	245	252	259
No. of labourers	29	47	34	34	47	44	35	45

(iii)

Daily wage (in Rs)	210	217	224	231	238	245	252	259
No. of labourers	29	47	39	34	42	44	35	45

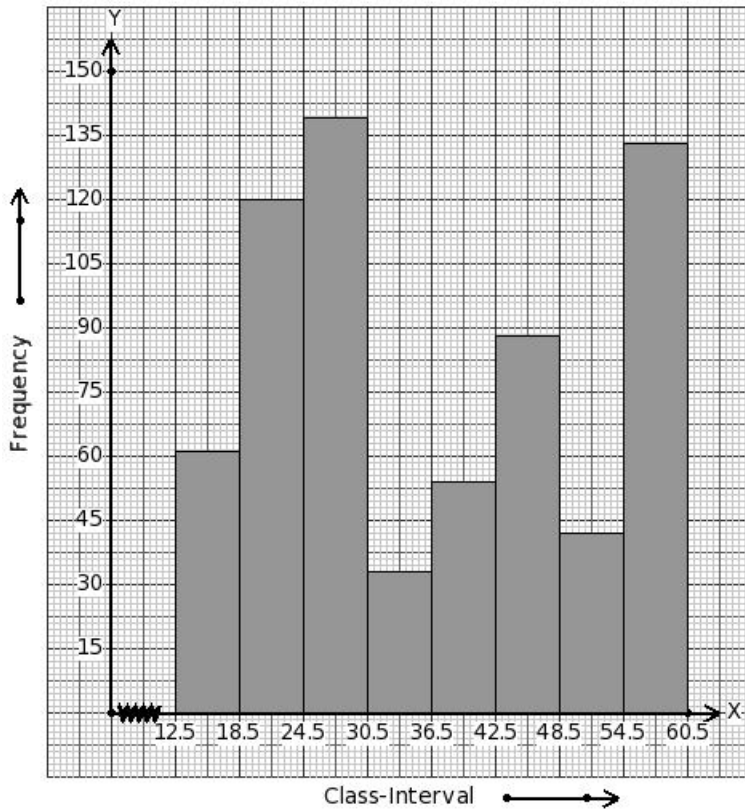
(iv)

Daily wage (in Rs)	210	217	224	231	238	245	252	259
No. of labourers	29	47	34	39	47	44	35	45

(v)

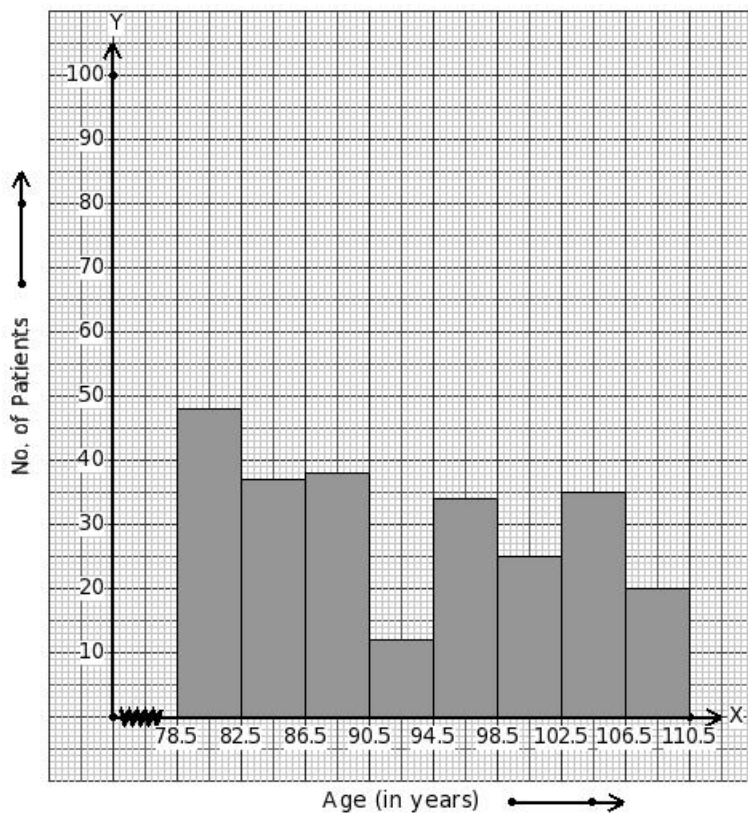
Daily wage (in Rs)	210	217	224	231	238	245	252	259
No. of labourers	29	47	39	34	47	44	35	45

36. Identify the class interval table for the given histogram.



- (i)
- | Class-Interval | 13 - 18 | 19 - 24 | 25 - 30 | 31 - 36 | 37 - 42 | 43 - 48 | 49 - 54 | 55 - 60 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Frequency | 61 | 133 | 139 | 33 | 54 | 88 | 42 | 120 |
- (ii)
- | Class-Interval | 13 - 18 | 19 - 24 | 25 - 30 | 31 - 36 | 37 - 42 | 43 - 48 | 49 - 54 | 55 - 60 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Frequency | 61 | 120 | 135 | 33 | 54 | 88 | 42 | 133 |
- (iii)
- | Class-Interval | 13 - 18 | 19 - 24 | 25 - 30 | 31 - 36 | 37 - 42 | 43 - 48 | 49 - 54 | 55 - 60 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Frequency | 61 | 120 | 139 | 33 | 54 | 88 | 42 | 133 |
- (iv)
- | Class-Interval | 13 - 18 | 19 - 24 | 25 - 30 | 31 - 36 | 37 - 42 | 43 - 48 | 49 - 54 | 55 - 60 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Frequency | 61 | 120 | 33 | 139 | 54 | 88 | 42 | 133 |
- (v)
- | Class-Interval | 13 - 18 | 19 - 24 | 25 - 30 | 31 - 36 | 37 - 42 | 43 - 48 | 49 - 54 | 55 - 60 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Frequency | 61 | 120 | 139 | 33 | 51 | 88 | 42 | 133 |

37. In a study of heart patients, the following observations are obtained. Identify the class interval table for the given histogram.



(i)

Age (in years)	79 - 82	83 - 86	87 - 90	91 - 94	95 - 98	99 - 102	103 - 106	107 - 110
No. of Patients	48	37	38	12	39	25	35	20

(ii)

Age (in years)	79 - 82	83 - 86	87 - 90	91 - 94	95 - 98	99 - 102	103 - 106	107 - 110
No. of Patients	48	20	38	12	34	25	35	37

(iii)

Age (in years)	79 - 82	83 - 86	87 - 90	91 - 94	95 - 98	99 - 102	103 - 106	107 - 110
No. of Patients	48	37	38	12	34	25	35	20

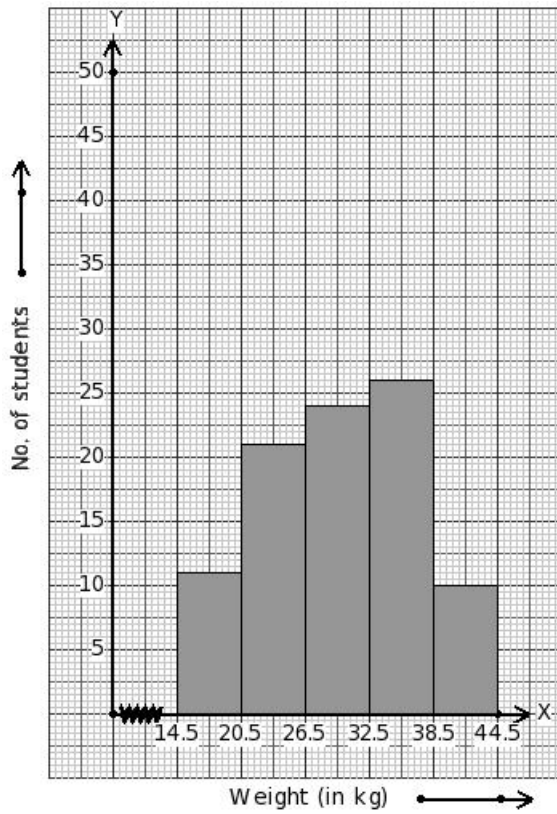
(iv)

Age (in years)	79 - 82	83 - 86	87 - 90	91 - 94	95 - 98	99 - 102	103 - 106	107 - 110
No. of Patients	48	37	33	12	34	25	35	20

(v)

Age (in years)	79 - 82	83 - 86	87 - 90	91 - 94	95 - 98	99 - 102	103 - 106	107 - 110
No. of Patients	48	37	12	38	34	25	35	20

38. Identify the class interval table for the given histogram.



(i)

Weight (in kg)	15 - 20	21 - 26	27 - 32	33 - 38	39 - 44
No. of students	11	24	21	26	10

(ii)

Weight (in kg)	15 - 20	21 - 26	27 - 32	33 - 38	39 - 44
No. of students	11	18	24	26	10

(iii)

Weight (in kg)	15 - 20	21 - 26	27 - 32	33 - 38	39 - 44
No. of students	11	21	21	26	10

(iv)

Weight (in kg)	15 - 20	21 - 26	27 - 32	33 - 38	39 - 44
No. of students	11	10	24	26	21

(v)

Weight (in kg)	15 - 20	21 - 26	27 - 32	33 - 38	39 - 44
No. of students	11	21	24	26	10

Assignment Key

- 1) (iii)
- 2) (iv)
- 3) (v)
- 4) (iii)
- 5) (iv)
- 6) (iv)
- 7) (iii)
- 8) (ii)
- 9) (v)
- 10) (iii)
- 11) (iii)
- 12) (iv)
- 13) (iv)
- 14) (v)
- 15) (iii)
- 16) (i)
- 17) (v)
- 18) (iii)
- 19) (v)
- 20) (v)
- 21) (ii)
- 22) (i)
- 23) (iii)
- 24) (i)
- 25) (ii)
- 26) (iv)
- 27) (i)
- 28) (ii)
- 29) (i)
- 30) (iii)
- 31) (iv)
- 32) (v)
- 33) (iv)
- 34) (ii)
- 35) (v)
- 36) (iii)
- 37) (iii)
- 38) (v)