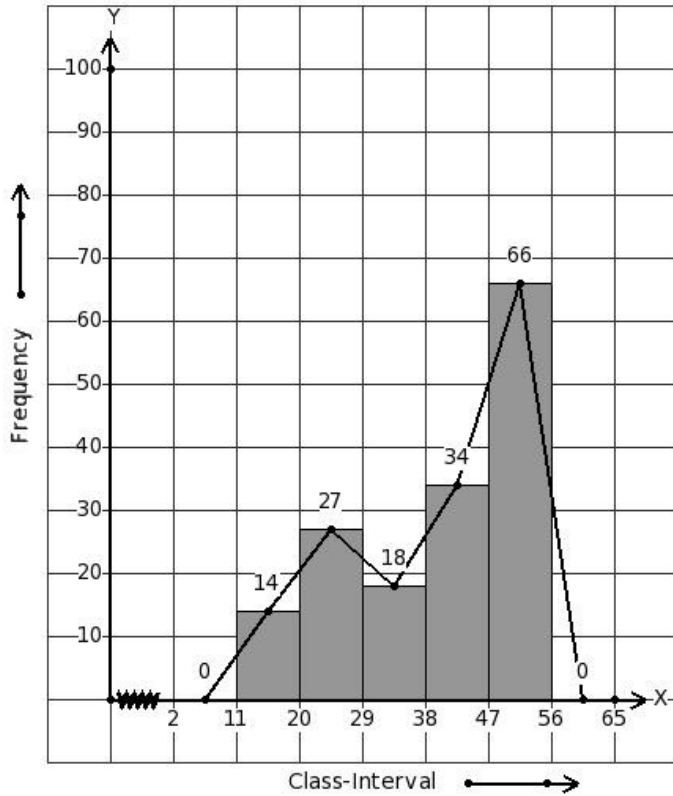




1. Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

<b>Class-Interval</b>	11 - 20	20 - 29	29 - 38	38 - 47	47 - 56
<b>Frequency</b>	14	25	18	34	66

(ii)

<b>Class-Interval</b>	11 - 20	20 - 29	29 - 38	38 - 47	47 - 56
<b>Frequency</b>	14	27	18	34	66

(iii)

<b>Class-Interval</b>	11 - 20	20 - 29	29 - 38	38 - 47	47 - 56
<b>Frequency</b>	14	27	13	34	66

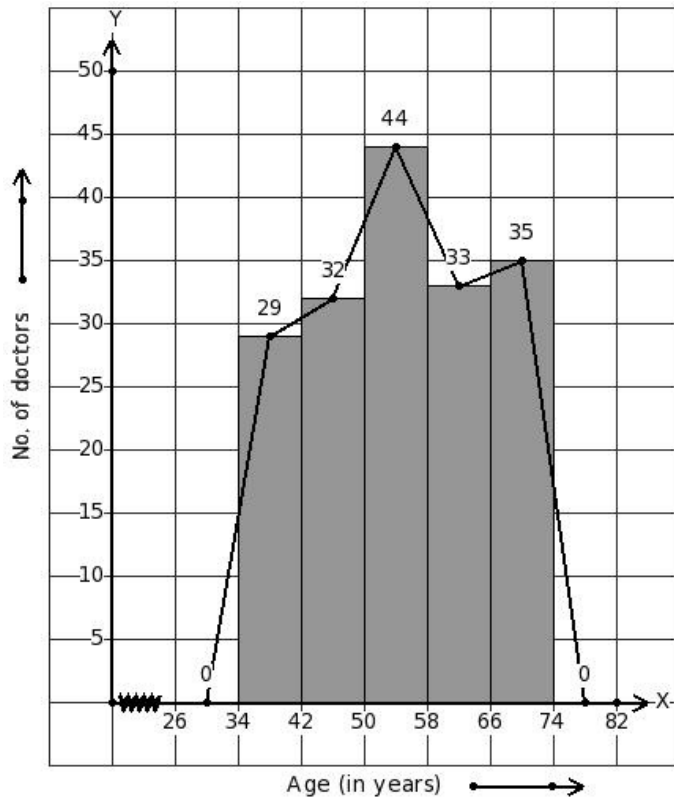
(iv)

<b>Class-Interval</b>	11 - 20	20 - 29	29 - 38	38 - 47	47 - 56
<b>Frequency</b>	14	18	27	34	66

(v)

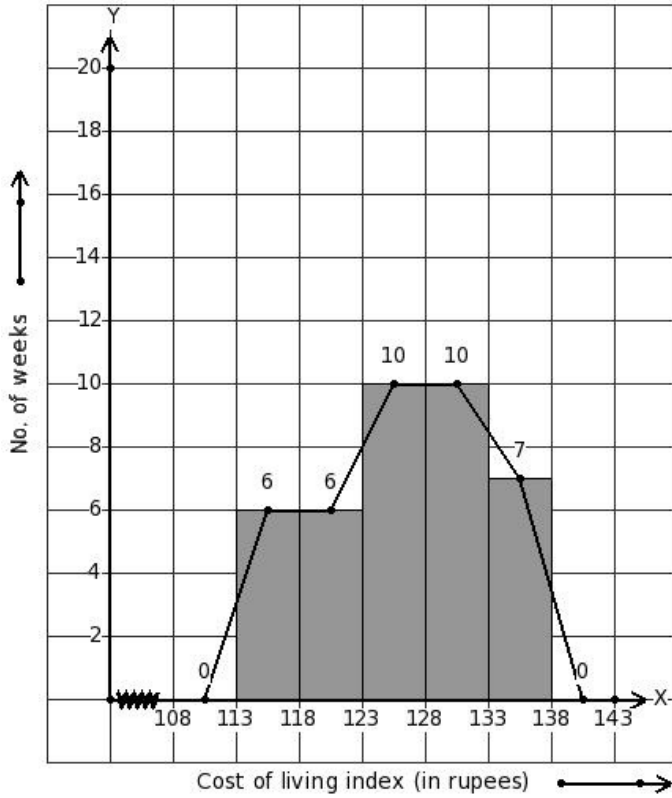
<b>Class-Interval</b>	11 - 20	20 - 29	29 - 38	38 - 47	47 - 56
<b>Frequency</b>	14	66	18	34	27

2. Given the number of doctors working in government hospitals in a city in various age groups. Identify the class interval table for the given histogram and frequency polygon on the same graph.



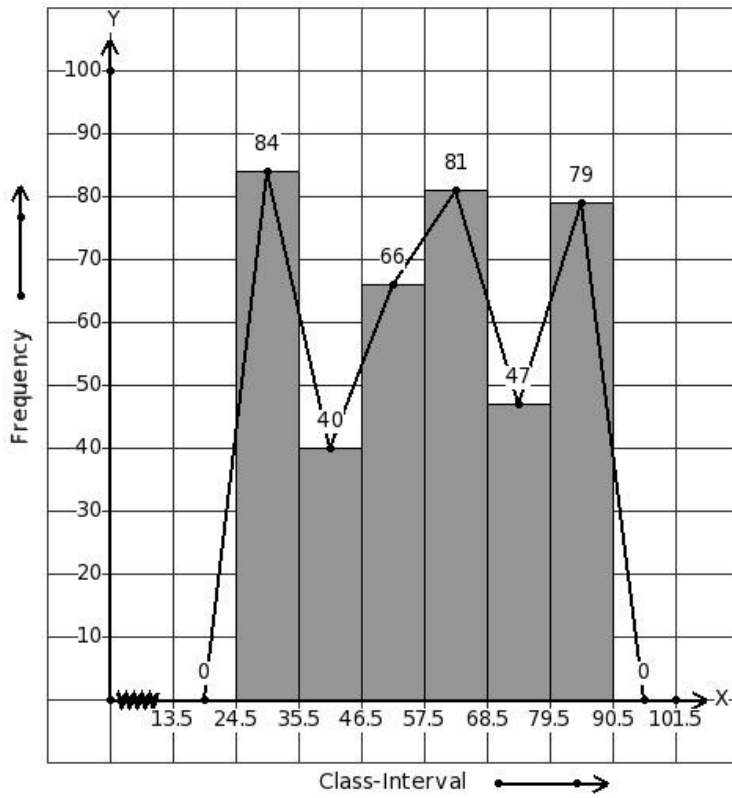
- (i)
- |                       |         |         |         |         |         |
|-----------------------|---------|---------|---------|---------|---------|
| <b>Age (in years)</b> | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 |
| <b>No. of doctors</b> | 29      | 37      | 44      | 33      | 35      |
- (ii)
- |                       |         |         |         |         |         |
|-----------------------|---------|---------|---------|---------|---------|
| <b>Age (in years)</b> | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 |
| <b>No. of doctors</b> | 29      | 35      | 44      | 33      | 32      |
- (iii)
- |                       |         |         |         |         |         |
|-----------------------|---------|---------|---------|---------|---------|
| <b>Age (in years)</b> | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 |
| <b>No. of doctors</b> | 29      | 44      | 32      | 33      | 35      |
- (iv)
- |                       |         |         |         |         |         |
|-----------------------|---------|---------|---------|---------|---------|
| <b>Age (in years)</b> | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 |
| <b>No. of doctors</b> | 29      | 32      | 49      | 33      | 35      |
- (v)
- |                       |         |         |         |         |         |
|-----------------------|---------|---------|---------|---------|---------|
| <b>Age (in years)</b> | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 |
| <b>No. of doctors</b> | 29      | 32      | 44      | 33      | 35      |

3. Given below is the cost of living index for a particular year in a city. Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 113 - 118 | 118 - 123 | 123 - 128 | 128 - 133 | 133 - 138 |
| <b>No. of weeks</b>                     | 6         | 6         | 14        | 10        | 7         |
- (ii)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 113 - 118 | 118 - 123 | 123 - 128 | 128 - 133 | 133 - 138 |
| <b>No. of weeks</b>                     | 6         | 6         | 10        | 10        | 7         |
- (iii)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 113 - 118 | 118 - 123 | 123 - 128 | 128 - 133 | 133 - 138 |
| <b>No. of weeks</b>                     | 6         | 7         | 10        | 10        | 6         |
- (iv)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 113 - 118 | 118 - 123 | 123 - 128 | 128 - 133 | 133 - 138 |
| <b>No. of weeks</b>                     | 6         | 10        | 6         | 10        | 7         |
- (v)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 113 - 118 | 118 - 123 | 123 - 128 | 128 - 133 | 133 - 138 |
| <b>No. of weeks</b>                     | 6         | 2         | 10        | 10        | 7         |

4. Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Class-Interval	25 - 35	36 - 46	47 - 57	58 - 68	69 - 79	80 - 90
Frequency	84	40	66	81	47	79

(ii)

Class-Interval	25 - 35	36 - 46	47 - 57	58 - 68	69 - 79	80 - 90
Frequency	84	40	66	79	47	79

(iii)

Class-Interval	25 - 35	36 - 46	47 - 57	58 - 68	69 - 79	80 - 90
Frequency	84	66	40	81	47	79

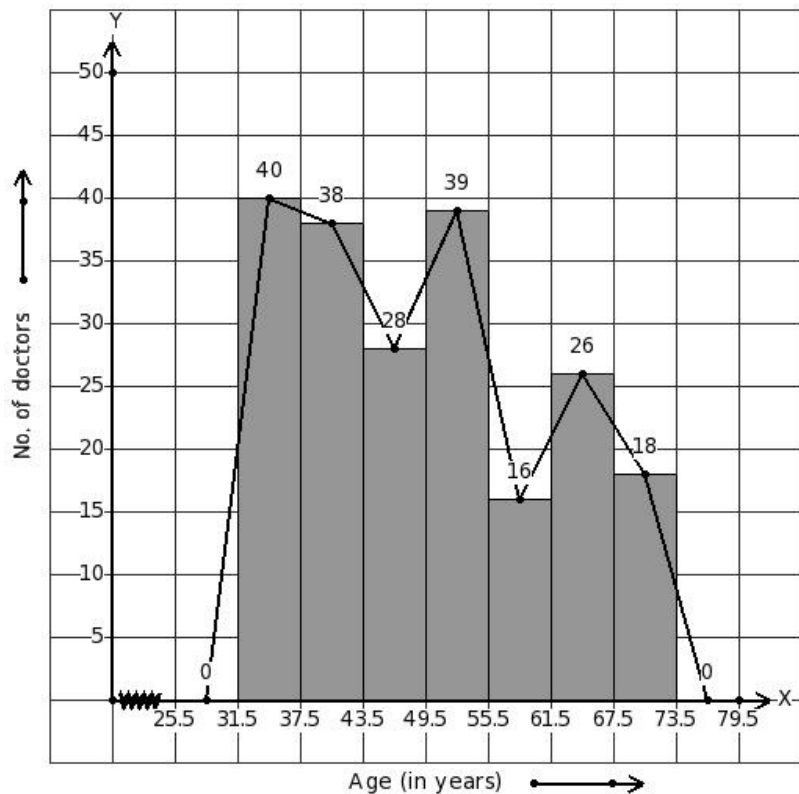
(iv)

Class-Interval	25 - 35	36 - 46	47 - 57	58 - 68	69 - 79	80 - 90
Frequency	84	79	66	81	47	40

(v)

Class-Interval	25 - 35	36 - 46	47 - 57	58 - 68	69 - 79	80 - 90
Frequency	84	40	62	81	47	79

5. Given the number of doctors working in government hospitals in a city in various age groups. Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

<b>Age (in years)</b>	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61	62 - 67	68 - 73
<b>No. of doctors</b>	40	38	26	39	16	26	18

(ii)

<b>Age (in years)</b>	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61	62 - 67	68 - 73
<b>No. of doctors</b>	40	38	28	39	16	26	18

(iii)

<b>Age (in years)</b>	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61	62 - 67	68 - 73
<b>No. of doctors</b>	40	28	38	39	16	26	18

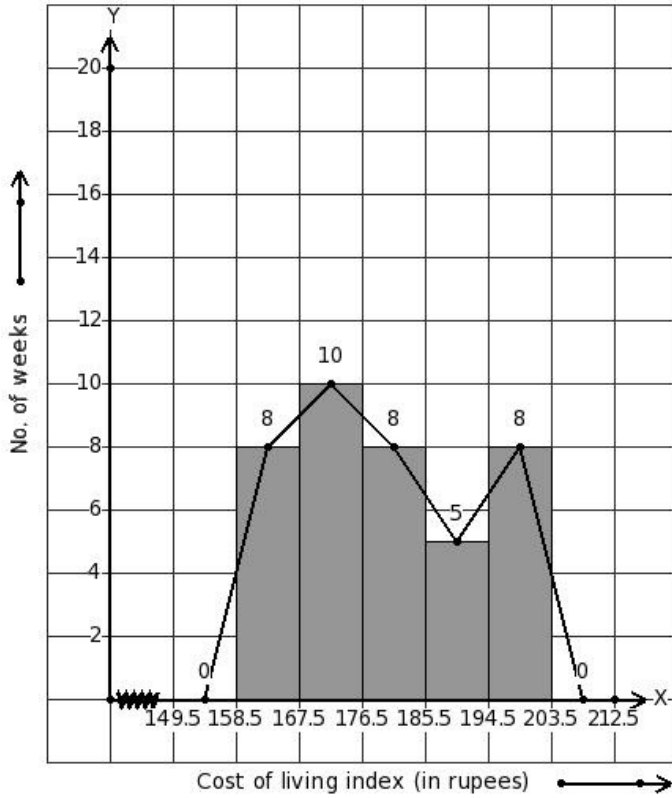
(iv)

<b>Age (in years)</b>	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61	62 - 67	68 - 73
<b>No. of doctors</b>	40	38	28	34	16	26	18

(v)

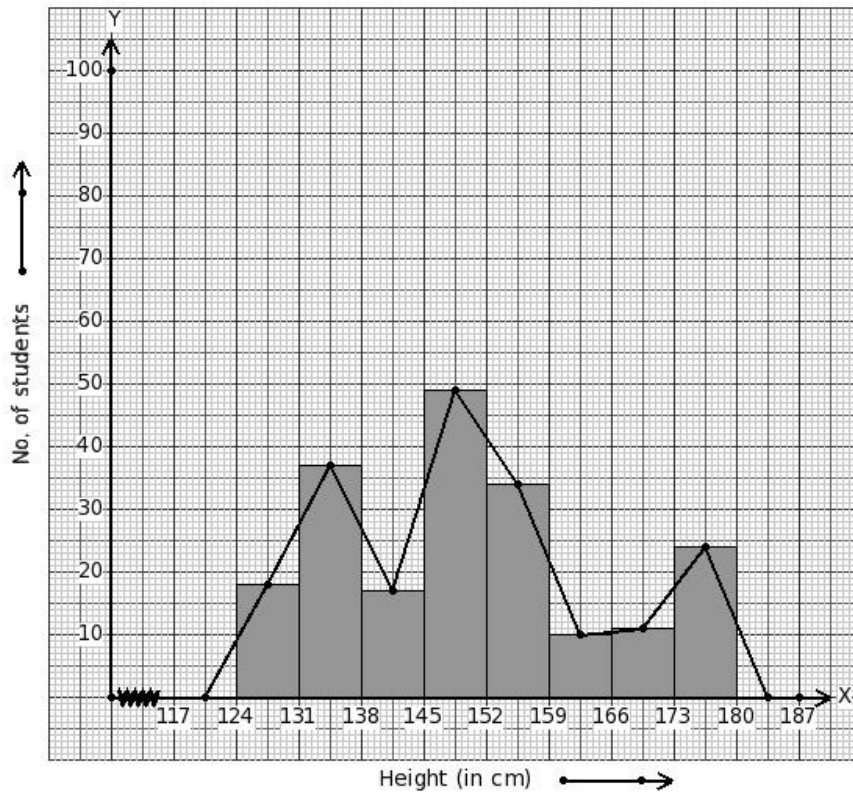
<b>Age (in years)</b>	32 - 37	38 - 43	44 - 49	50 - 55	56 - 61	62 - 67	68 - 73
<b>No. of doctors</b>	40	18	28	39	16	26	38

6. Given below is the cost of living index for a particular year in a city. Identify the class interval table for the given histogram and frequency polygon on the same graph.



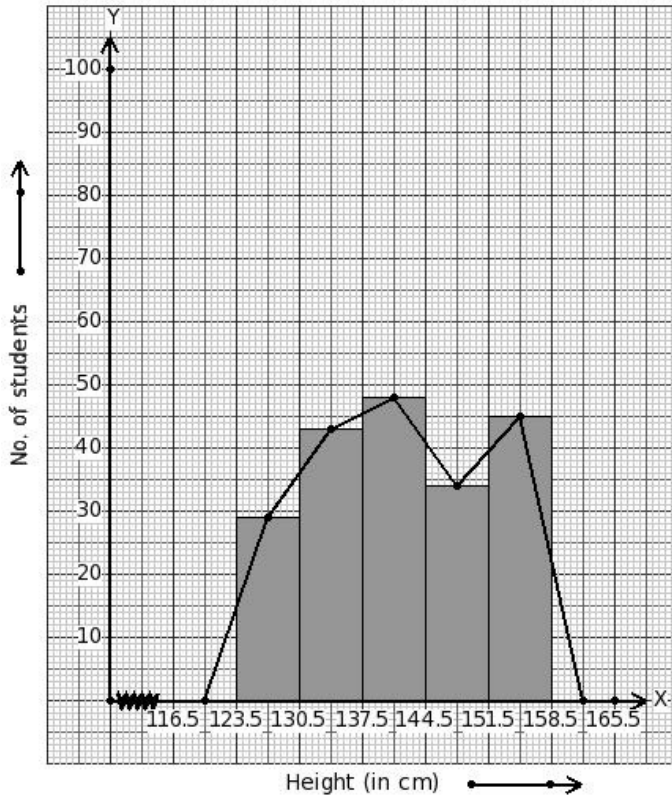
- (i)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 159 - 167 | 168 - 176 | 177 - 185 | 186 - 194 | 195 - 203 |
| <b>No. of weeks</b>                     | 8         | 10        | 8         | 5         | 8         |
- (ii)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 159 - 167 | 168 - 176 | 177 - 185 | 186 - 194 | 195 - 203 |
| <b>No. of weeks</b>                     | 8         | 8         | 8         | 5         | 10        |
- (iii)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 159 - 167 | 168 - 176 | 177 - 185 | 186 - 194 | 195 - 203 |
| <b>No. of weeks</b>                     | 8         | 10        | 10        | 5         | 8         |
- (iv)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 159 - 167 | 168 - 176 | 177 - 185 | 186 - 194 | 195 - 203 |
| <b>No. of weeks</b>                     | 8         | 8         | 10        | 5         | 8         |
- (v)
- |   |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| <b>Cost of living index (in rupees)</b> | 159 - 167 | 168 - 176 | 177 - 185 | 186 - 194 | 195 - 203 |
| <b>No. of weeks</b>                     | 8         | 12        | 8         | 5         | 8         |

7. Heights of 200 students (in cm) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i)
- |                        |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Height (in cm)</b>  | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| <b>No. of students</b> | 18        | 24        | 17        | 49        | 34        | 10        | 11        | 37        |
- (ii)
- |                        |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Height (in cm)</b>  | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| <b>No. of students</b> | 18        | 37        | 17        | 49        | 36        | 10        | 11        | 24        |
- (iii)
- |                        |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Height (in cm)</b>  | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| <b>No. of students</b> | 18        | 37        | 17        | 49        | 34        | 10        | 11        | 24        |
- (iv)
- |                        |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Height (in cm)</b>  | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| <b>No. of students</b> | 18        | 37        | 19        | 49        | 34        | 10        | 11        | 24        |
- (v)
- |                        |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Height (in cm)</b>  | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| <b>No. of students</b> | 18        | 37        | 49        | 17        | 34        | 10        | 11        | 24        |

8. Heights of 199 students (in cm) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Height (in cm)	124 - 130	131 - 137	138 - 144	145 - 151	152 - 158
No. of students	29	38	48	34	45

(ii)

Height (in cm)	124 - 130	131 - 137	138 - 144	145 - 151	152 - 158
No. of students	29	45	48	34	43

(iii)

Height (in cm)	124 - 130	131 - 137	138 - 144	145 - 151	152 - 158
No. of students	29	43	48	34	45

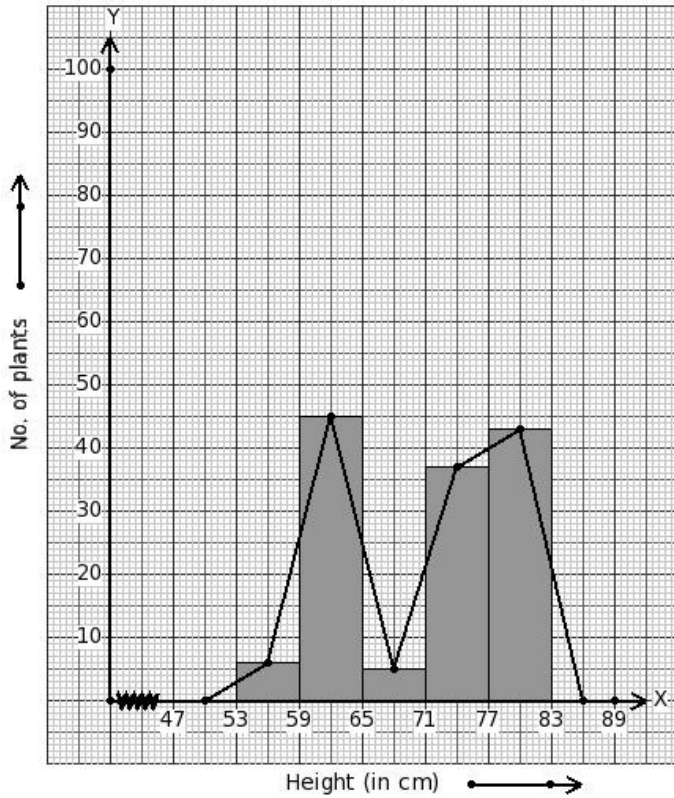
(iv)

Height (in cm)	124 - 130	131 - 137	138 - 144	145 - 151	152 - 158
No. of students	29	48	43	34	45

(v)

Height (in cm)	124 - 130	131 - 137	138 - 144	145 - 151	152 - 158
No. of students	29	43	50	34	45

9. Heights of 136 plants (in cm) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i) 

Height (in cm)	53 - 59	59 - 65	65 - 71	71 - 77	77 - 83
No. of plants	6	43	5	37	45
- (ii) 

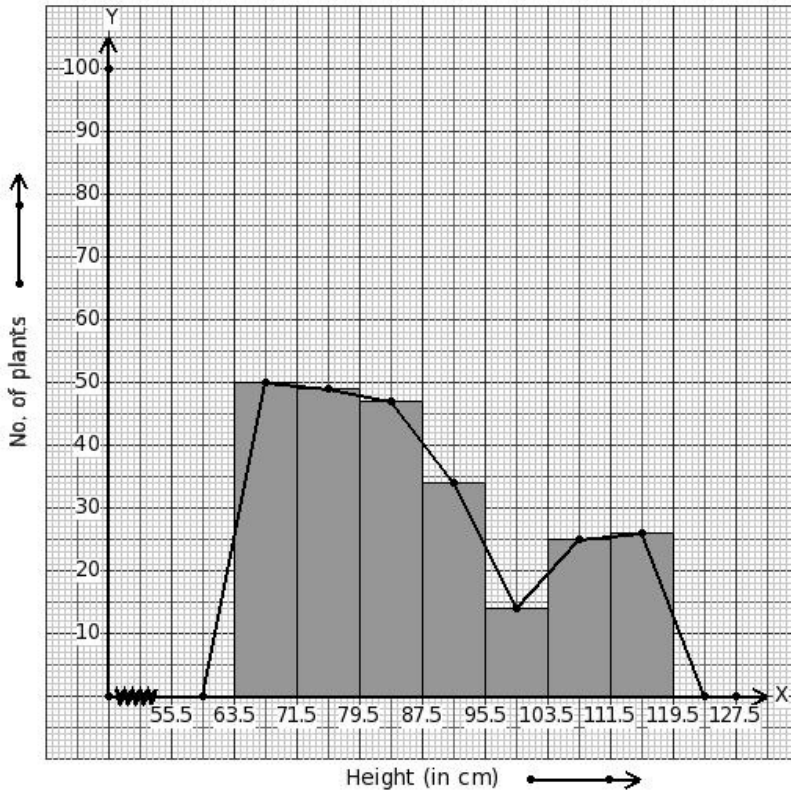
Height (in cm)	53 - 59	59 - 65	65 - 71	71 - 77	77 - 83
No. of plants	6	45	1	37	43
- (iii) 

Height (in cm)	53 - 59	59 - 65	65 - 71	71 - 77	77 - 83
No. of plants	6	5	45	37	43
- (iv) 

Height (in cm)	53 - 59	59 - 65	65 - 71	71 - 77	77 - 83
No. of plants	6	43	5	37	43
- (v) 

Height (in cm)	53 - 59	59 - 65	65 - 71	71 - 77	77 - 83
No. of plants	6	45	5	37	43

10. Heights of 245 plants (in cm) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

<b>Height (in cm)</b>	64 - 71	72 - 79	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119
<b>No. of plants</b>	50	26	47	34	14	25	49

(ii)

<b>Height (in cm)</b>	64 - 71	72 - 79	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119
<b>No. of plants</b>	50	49	49	34	14	25	26

(iii)

<b>Height (in cm)</b>	64 - 71	72 - 79	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119
<b>No. of plants</b>	50	49	47	34	14	25	26

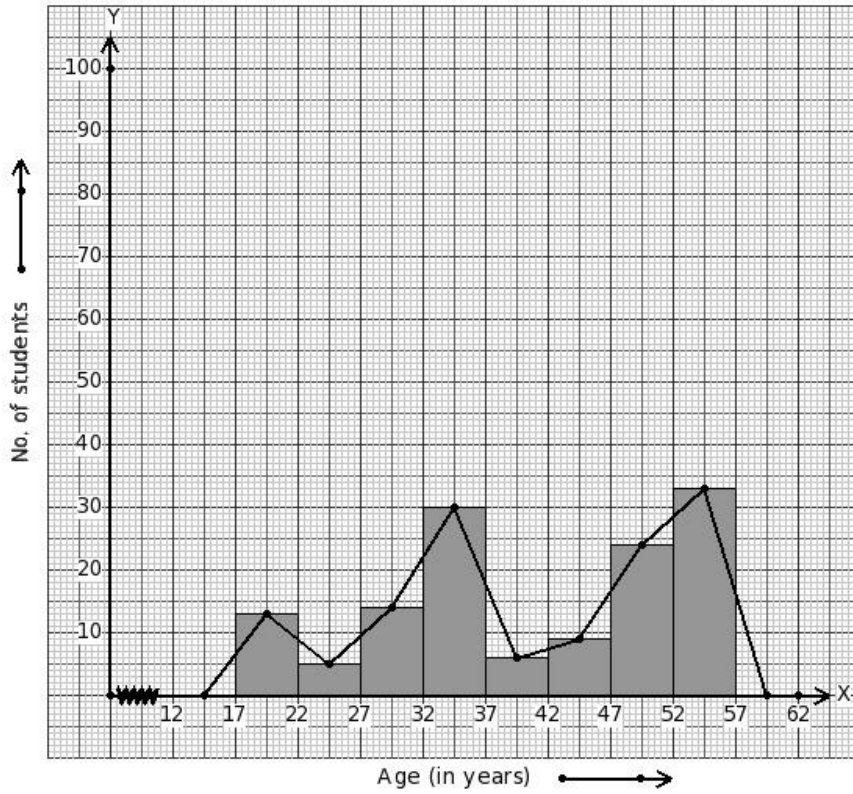
(iv)

<b>Height (in cm)</b>	64 - 71	72 - 79	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119
<b>No. of plants</b>	50	49	47	31	14	25	26

(v)

<b>Height (in cm)</b>	64 - 71	72 - 79	80 - 87	88 - 95	96 - 103	104 - 111	112 - 119
<b>No. of plants</b>	50	47	49	34	14	25	26

11. Ages of 134 students (in years) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Age (in years)	17 - 22	22 - 27	27 - 32	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of students	13	5	14	30	2	9	24	33

(ii)

Age (in years)	17 - 22	22 - 27	27 - 32	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of students	13	5	9	30	6	9	24	33

(iii)

Age (in years)	17 - 22	22 - 27	27 - 32	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of students	13	5	14	30	6	9	24	33

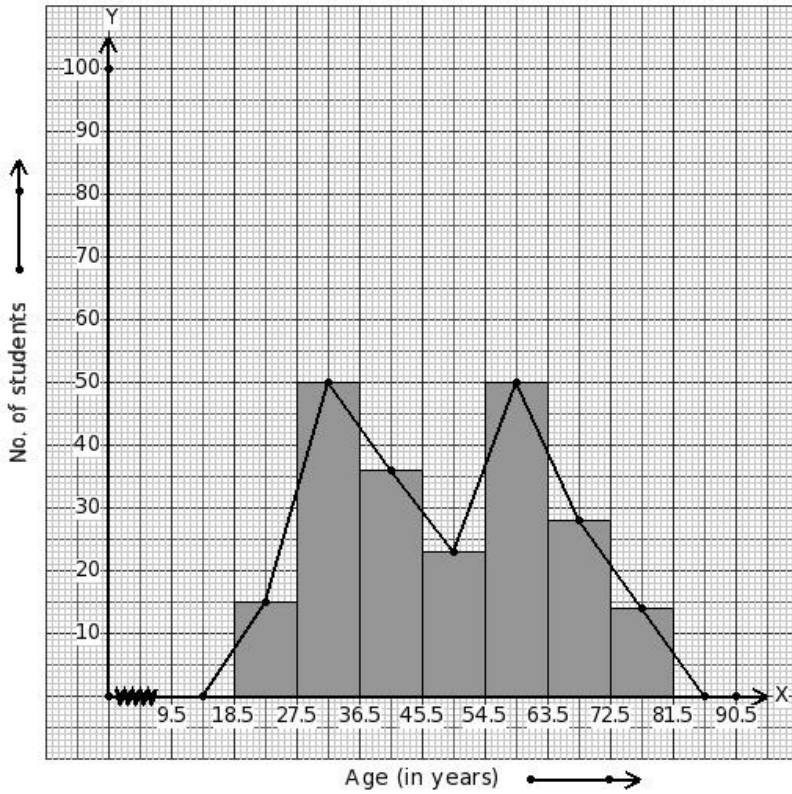
(iv)

Age (in years)	17 - 22	22 - 27	27 - 32	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of students	13	5	30	14	6	9	24	33

(v)

Age (in years)	17 - 22	22 - 27	27 - 32	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of students	13	33	14	30	6	9	24	5

12. Ages of 216 students (in years) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Age (in years)	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
No. of students	15	14	36	23	50	28	50

(ii)

Age (in years)	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
No. of students	15	36	50	23	50	28	14

(iii)

Age (in years)	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
No. of students	15	50	36	26	50	28	14

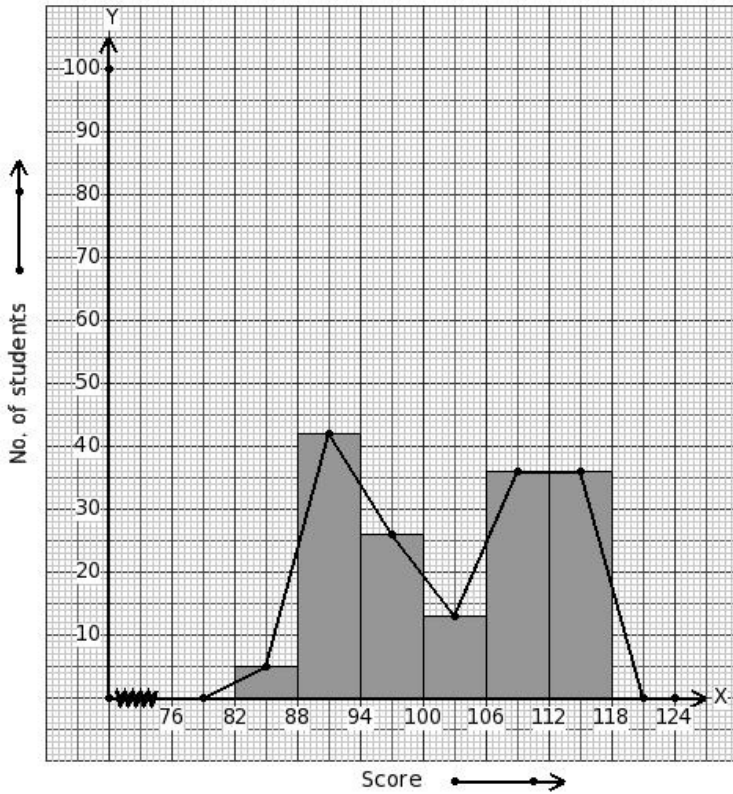
(iv)

Age (in years)	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
No. of students	15	50	36	23	50	28	14

(v)

Age (in years)	19 - 27	28 - 36	37 - 45	46 - 54	55 - 63	64 - 72	73 - 81
No. of students	15	50	32	23	50	28	14

13. Scores of 158 students are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Score	82 - 88	88 - 94	94 - 100	100 - 106	106 - 112	112 - 118
No. of students	5	36	26	13	36	42

(ii)

Score	82 - 88	88 - 94	94 - 100	100 - 106	106 - 112	112 - 118
No. of students	5	42	21	13	36	36

(iii)

Score	82 - 88	88 - 94	94 - 100	100 - 106	106 - 112	112 - 118
No. of students	5	42	26	8	36	36

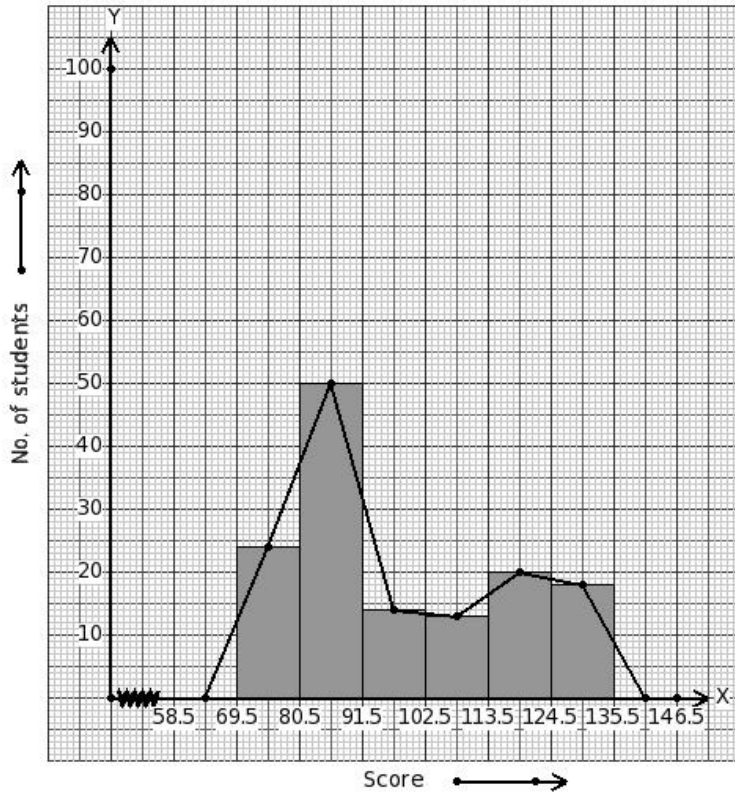
(iv)

Score	82 - 88	88 - 94	94 - 100	100 - 106	106 - 112	112 - 118
No. of students	5	42	26	13	36	36

(v)

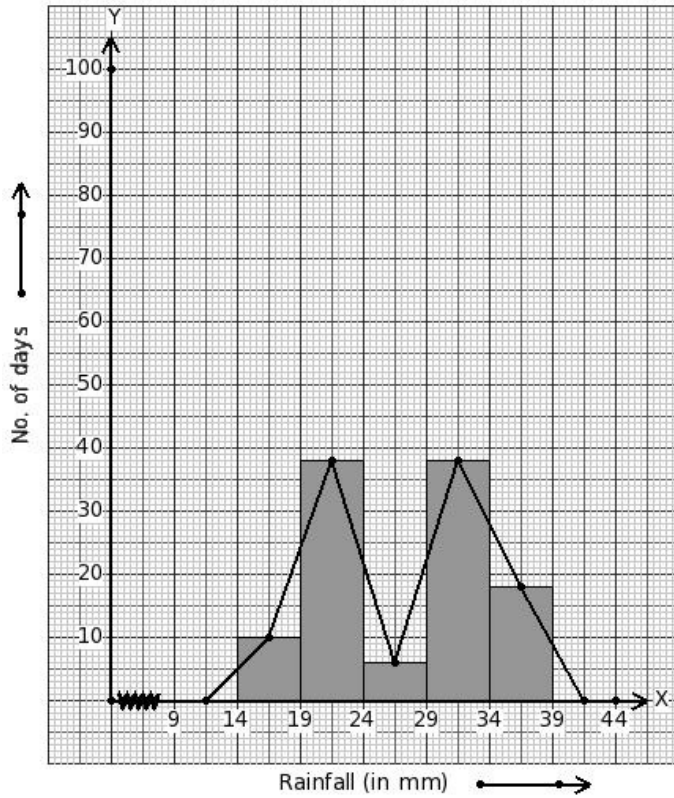
Score	82 - 88	88 - 94	94 - 100	100 - 106	106 - 112	112 - 118
No. of students	5	26	42	13	36	36

14. Scores of 139 students are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i)
- | Score           | 70 - 80 | 81 - 91 | 92 - 102 | 103 - 113 | 114 - 124 | 125 - 135 |
|-----------------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 24      | 50      | 11       | 13        | 20        | 18        |
- (ii)
- | Score           | 70 - 80 | 81 - 91 | 92 - 102 | 103 - 113 | 114 - 124 | 125 - 135 |
|-----------------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 24      | 50      | 14       | 11        | 20        | 18        |
- (iii)
- | Score           | 70 - 80 | 81 - 91 | 92 - 102 | 103 - 113 | 114 - 124 | 125 - 135 |
|-----------------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 24      | 18      | 14       | 13        | 20        | 50        |
- (iv)
- | Score           | 70 - 80 | 81 - 91 | 92 - 102 | 103 - 113 | 114 - 124 | 125 - 135 |
|-----------------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 24      | 14      | 50       | 13        | 20        | 18        |
- (v)
- | Score           | 70 - 80 | 81 - 91 | 92 - 102 | 103 - 113 | 114 - 124 | 125 - 135 |
|-----------------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 24      | 50      | 14       | 13        | 20        | 18        |

15. Rainfall of 110 days (in mm) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Rainfall (in mm)	14 - 19	19 - 24	24 - 29	29 - 34	34 - 39
No. of days	10	6	38	38	18

(ii)

Rainfall (in mm)	14 - 19	19 - 24	24 - 29	29 - 34	34 - 39
No. of days	10	18	6	38	38

(iii)

Rainfall (in mm)	14 - 19	19 - 24	24 - 29	29 - 34	34 - 39
No. of days	10	38	2	38	18

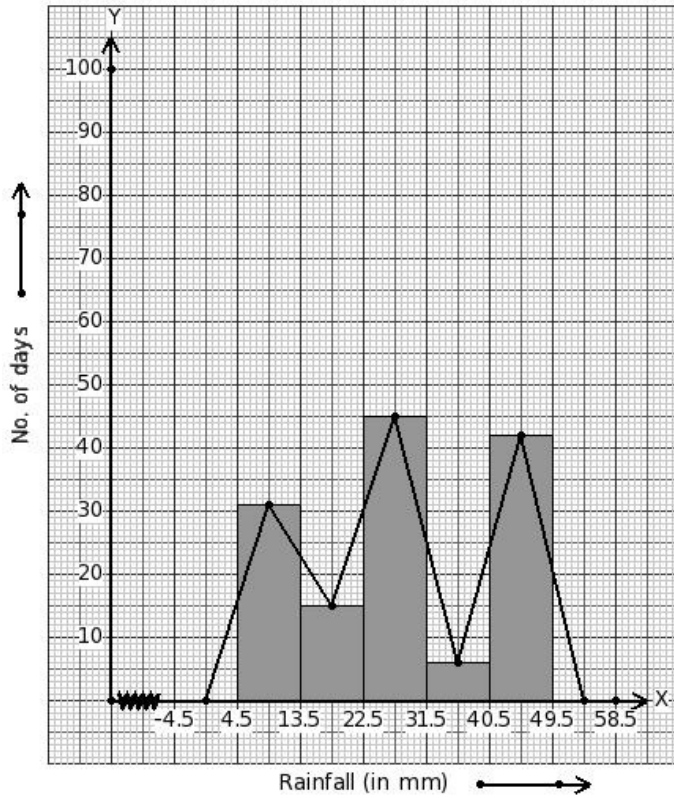
(iv)

Rainfall (in mm)	14 - 19	19 - 24	24 - 29	29 - 34	34 - 39
No. of days	10	38	6	38	18

(v)

Rainfall (in mm)	14 - 19	19 - 24	24 - 29	29 - 34	34 - 39
No. of days	10	42	6	38	18

16. Rainfall of 139 days (in mm) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

Rainfall (in mm)	5 - 13	14 - 22	23 - 31	32 - 40	41 - 49
No. of days	31	45	15	6	42

(ii)

Rainfall (in mm)	5 - 13	14 - 22	23 - 31	32 - 40	41 - 49
No. of days	31	42	45	6	15

(iii)

Rainfall (in mm)	5 - 13	14 - 22	23 - 31	32 - 40	41 - 49
No. of days	31	15	43	6	42

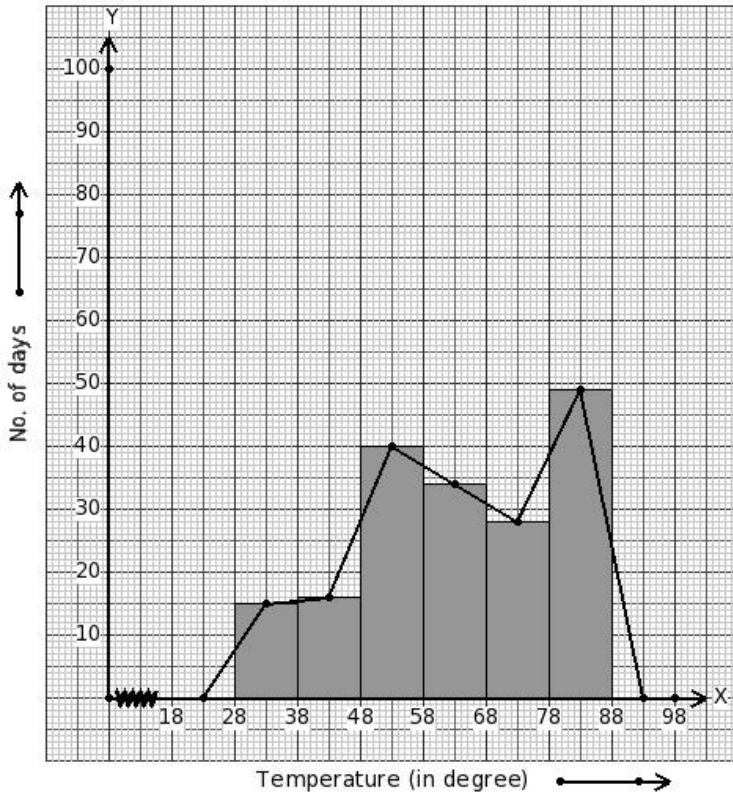
(iv)

Rainfall (in mm)	5 - 13	14 - 22	23 - 31	32 - 40	41 - 49
No. of days	31	13	45	6	42

(v)

Rainfall (in mm)	5 - 13	14 - 22	23 - 31	32 - 40	41 - 49
No. of days	31	15	45	6	42

17. Temperatures of 182 days (in °C) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i) 

<b>Temperature (in degree)</b>	28 - 38	38 - 48	48 - 58	58 - 68	68 - 78	78 - 88
<b>No. of days</b>	15	16	40	34	28	49
- (ii) 

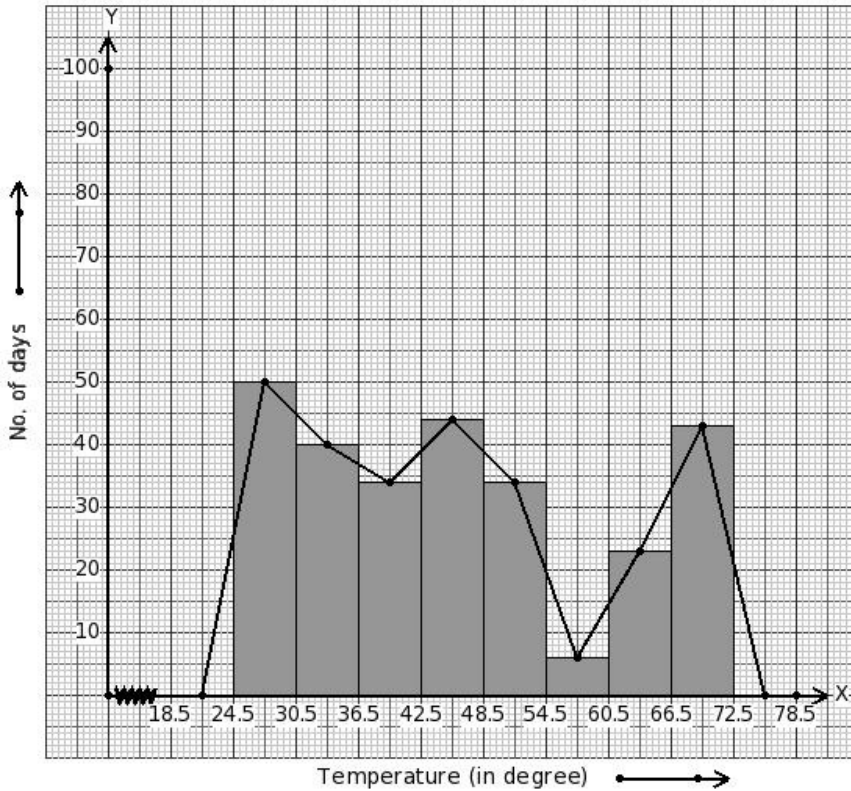
<b>Temperature (in degree)</b>	28 - 38	38 - 48	48 - 58	58 - 68	68 - 78	78 - 88
<b>No. of days</b>	15	40	16	34	28	49
- (iii) 

<b>Temperature (in degree)</b>	28 - 38	38 - 48	48 - 58	58 - 68	68 - 78	78 - 88
<b>No. of days</b>	15	16	42	34	28	49
- (iv) 

<b>Temperature (in degree)</b>	28 - 38	38 - 48	48 - 58	58 - 68	68 - 78	78 - 88
<b>No. of days</b>	15	49	40	34	28	16
- (v) 

<b>Temperature (in degree)</b>	28 - 38	38 - 48	48 - 58	58 - 68	68 - 78	78 - 88
<b>No. of days</b>	15	16	40	39	28	49

18. Temperatures of 274 days (in °C) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i) 

Temperature (in degree)	25 - 30	31 - 36	37 - 42	43 - 48	49 - 54	55 - 60	61 - 66	67 - 72
No. of days	50	40	34	44	34	6	23	43
- (ii) 

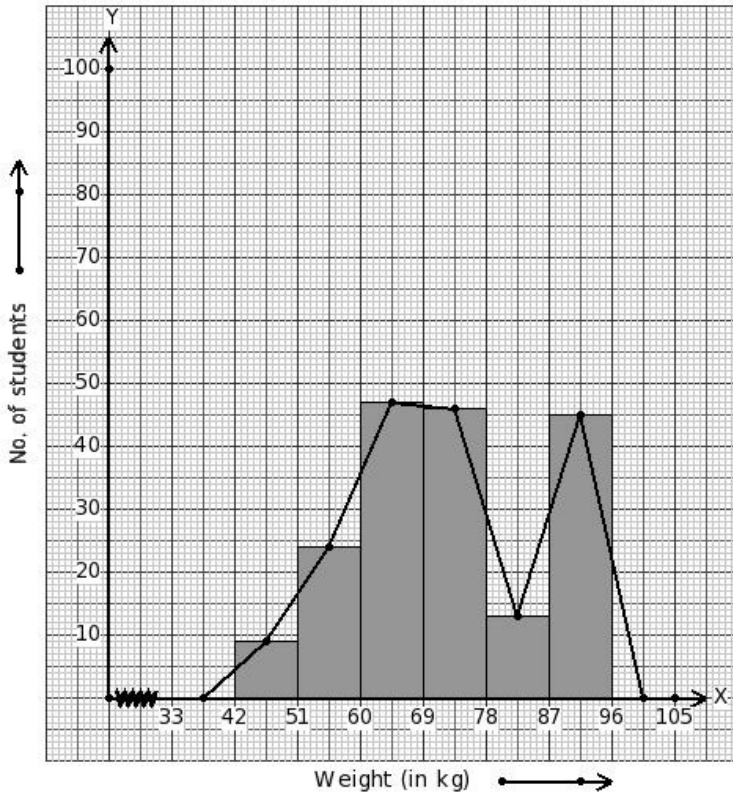
Temperature (in degree)	25 - 30	31 - 36	37 - 42	43 - 48	49 - 54	55 - 60	61 - 66	67 - 72
No. of days	50	43	34	44	34	6	23	40
- (iii) 

Temperature (in degree)	25 - 30	31 - 36	37 - 42	43 - 48	49 - 54	55 - 60	61 - 66	67 - 72
No. of days	50	40	44	34	34	6	23	43
- (iv) 

Temperature (in degree)	25 - 30	31 - 36	37 - 42	43 - 48	49 - 54	55 - 60	61 - 66	67 - 72
No. of days	50	40	34	44	39	6	23	43
- (v) 

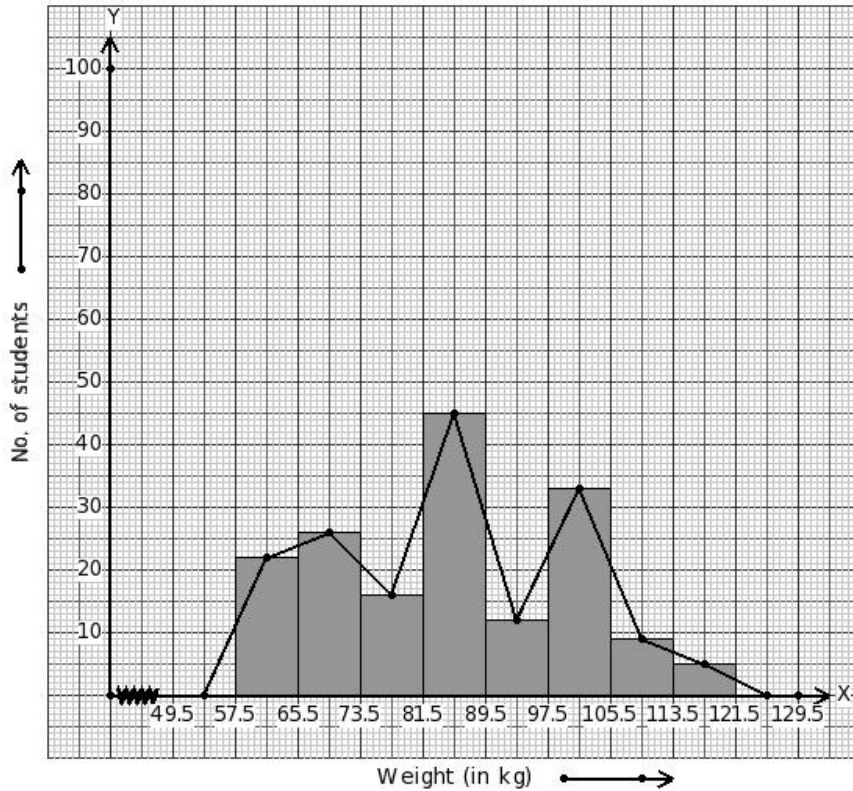
Temperature (in degree)	25 - 30	31 - 36	37 - 42	43 - 48	49 - 54	55 - 60	61 - 66	67 - 72
No. of days	50	40	32	44	34	6	23	43

19. Weights of 184 students (in kg) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



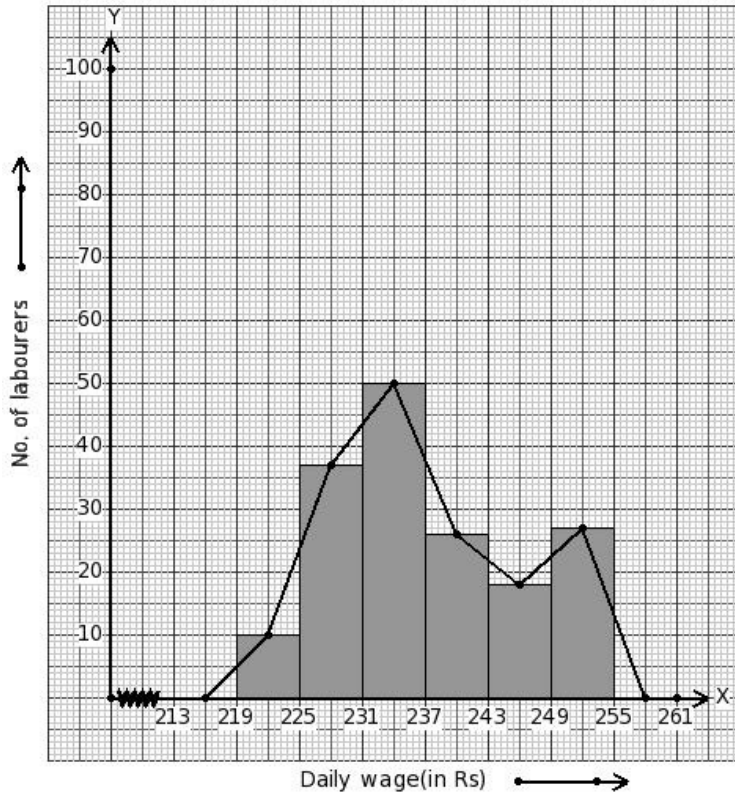
- (i)
- | Weight (in kg)  | 42 - 51 | 51 - 60 | 60 - 69 | 69 - 78 | 78 - 87 | 87 - 96 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 9       | 24      | 47      | 50      | 13      | 45      |
- (ii)
- | Weight (in kg)  | 42 - 51 | 51 - 60 | 60 - 69 | 69 - 78 | 78 - 87 | 87 - 96 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 9       | 24      | 45      | 46      | 13      | 45      |
- (iii)
- | Weight (in kg)  | 42 - 51 | 51 - 60 | 60 - 69 | 69 - 78 | 78 - 87 | 87 - 96 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 9       | 45      | 47      | 46      | 13      | 24      |
- (iv)
- | Weight (in kg)  | 42 - 51 | 51 - 60 | 60 - 69 | 69 - 78 | 78 - 87 | 87 - 96 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 9       | 47      | 24      | 46      | 13      | 45      |
- (v)
- | Weight (in kg)  | 42 - 51 | 51 - 60 | 60 - 69 | 69 - 78 | 78 - 87 | 87 - 96 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 9       | 24      | 47      | 46      | 13      | 45      |

20. Weights of 168 students (in kg) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



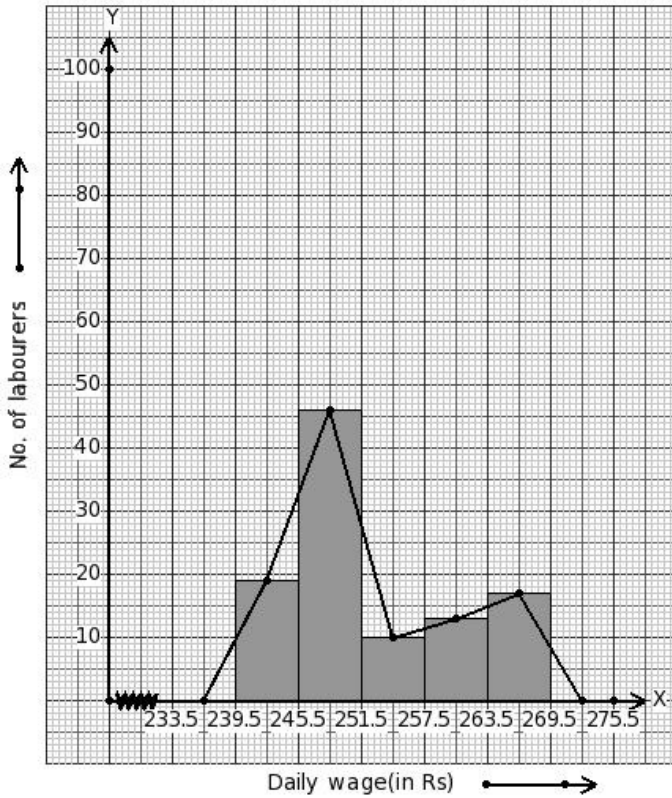
- (i)
- |                        |         |         |         |         |         |          |           |           |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| <b>Weight (in kg)</b>  | 58 - 65 | 66 - 73 | 74 - 81 | 82 - 89 | 90 - 97 | 98 - 105 | 106 - 113 | 114 - 121 |
| <b>No. of students</b> | 22      | 26      | 45      | 16      | 12      | 33       | 9         | 5         |
- (ii)
- |                        |         |         |         |         |         |          |           |           |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| <b>Weight (in kg)</b>  | 58 - 65 | 66 - 73 | 74 - 81 | 82 - 89 | 90 - 97 | 98 - 105 | 106 - 113 | 114 - 121 |
| <b>No. of students</b> | 22      | 26      | 16      | 45      | 10      | 33       | 9         | 5         |
- (iii)
- |                        |         |         |         |         |         |          |           |           |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| <b>Weight (in kg)</b>  | 58 - 65 | 66 - 73 | 74 - 81 | 82 - 89 | 90 - 97 | 98 - 105 | 106 - 113 | 114 - 121 |
| <b>No. of students</b> | 22      | 5       | 16      | 45      | 12      | 33       | 9         | 26        |
- (iv)
- |                        |         |         |         |         |         |          |           |           |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| <b>Weight (in kg)</b>  | 58 - 65 | 66 - 73 | 74 - 81 | 82 - 89 | 90 - 97 | 98 - 105 | 106 - 113 | 114 - 121 |
| <b>No. of students</b> | 22      | 26      | 16      | 45      | 12      | 33       | 9         | 5         |
- (v)
- |                        |         |         |         |         |         |          |           |           |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| <b>Weight (in kg)</b>  | 58 - 65 | 66 - 73 | 74 - 81 | 82 - 89 | 90 - 97 | 98 - 105 | 106 - 113 | 114 - 121 |
| <b>No. of students</b> | 22      | 26      | 14      | 45      | 12      | 33       | 9         | 5         |

21. Daily wages of 168 labourers (in ₹) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i)
- |                           |           |           |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Daily wage (in Rs)</b> | 219 - 225 | 225 - 231 | 231 - 237 | 237 - 243 | 243 - 249 | 249 - 255 |
| <b>No. of labourers</b>   | 10        | 37        | 55        | 26        | 18        | 27        |
- (ii)
- |                           |           |           |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Daily wage (in Rs)</b> | 219 - 225 | 225 - 231 | 231 - 237 | 237 - 243 | 243 - 249 | 249 - 255 |
| <b>No. of labourers</b>   | 10        | 37        | 50        | 26        | 18        | 27        |
- (iii)
- |                           |           |           |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Daily wage (in Rs)</b> | 219 - 225 | 225 - 231 | 231 - 237 | 237 - 243 | 243 - 249 | 249 - 255 |
| <b>No. of labourers</b>   | 10        | 50        | 37        | 26        | 18        | 27        |
- (iv)
- |                           |           |           |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Daily wage (in Rs)</b> | 219 - 225 | 225 - 231 | 231 - 237 | 237 - 243 | 243 - 249 | 249 - 255 |
| <b>No. of labourers</b>   | 10        | 37        | 50        | 29        | 18        | 27        |
- (v)
- |                           |           |           |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Daily wage (in Rs)</b> | 219 - 225 | 225 - 231 | 231 - 237 | 237 - 243 | 243 - 249 | 249 - 255 |
| <b>No. of labourers</b>   | 10        | 27        | 50        | 26        | 18        | 37        |

22. Daily wages of 105 labourers (in ₹) are given below.  
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

<b>Daily wage (in Rs)</b>	240 - 245	246 - 251	252 - 257	258 - 263	264 - 269
<b>No. of labourers</b>	19	10	46	13	17

(ii)

<b>Daily wage (in Rs)</b>	240 - 245	246 - 251	252 - 257	258 - 263	264 - 269
<b>No. of labourers</b>	19	46	14	13	17

(iii)

<b>Daily wage (in Rs)</b>	240 - 245	246 - 251	252 - 257	258 - 263	264 - 269
<b>No. of labourers</b>	19	17	10	13	46

(iv)

<b>Daily wage (in Rs)</b>	240 - 245	246 - 251	252 - 257	258 - 263	264 - 269
<b>No. of labourers</b>	19	42	10	13	17

(v)

<b>Daily wage (in Rs)</b>	240 - 245	246 - 251	252 - 257	258 - 263	264 - 269
<b>No. of labourers</b>	19	46	10	13	17

## Assignment Key

1) (ii)	2) (v)	3) (ii)	4) (i)	5) (ii)	6) (i)
7) (iii)	8) (iii)	9) (v)	10) (iii)	11) (iii)	12) (iv)
13) (iv)	14) (v)	15) (iv)	16) (v)	17) (i)	18) (i)
19) (v)	20) (iv)	21) (ii)	22) (v)		