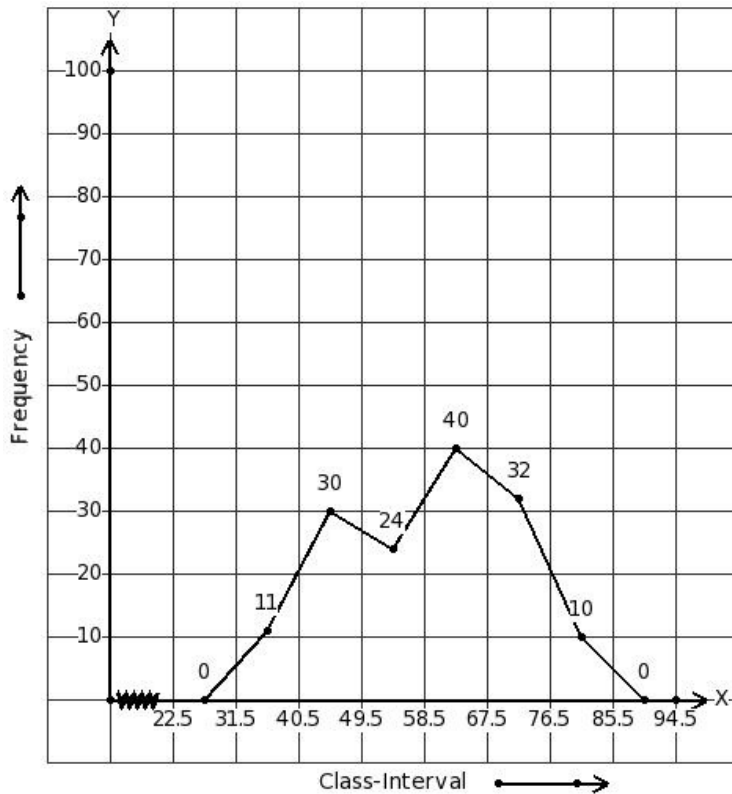




1. The frequency polygon is one drawn using
 - (i) end points of classes and frequencies
 - (ii) lower boundaries of classes and greater than cumulative frequencies
 - (iii) upper boundaries of classes and cumulative frequencies
 - (iv) mid point of classes and frequencies
2. Identify the class interval table for the given frequency polygon.



- (i)

Class-Interval	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76	77 - 85
Frequency	11	30	22	40	32	10
- (ii)

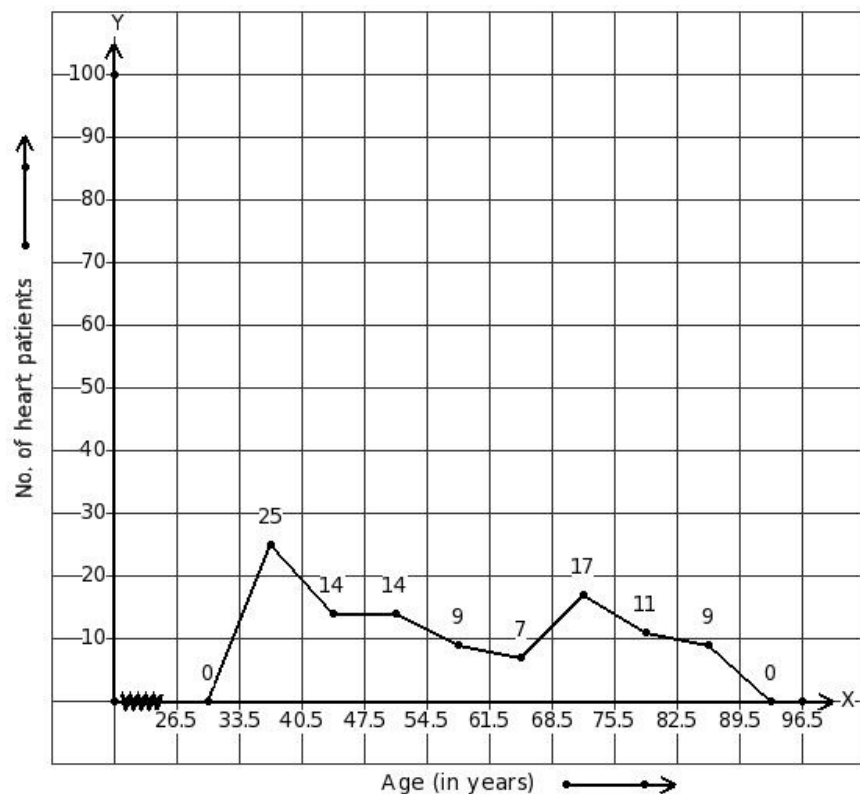
Class-Interval	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76	77 - 85
Frequency	11	30	24	37	32	10
- (iii)

Class-Interval	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76	77 - 85
Frequency	11	24	30	40	32	10
- (iv)

Class-Interval	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76	77 - 85
Frequency	11	30	24	40	32	10
- (v)

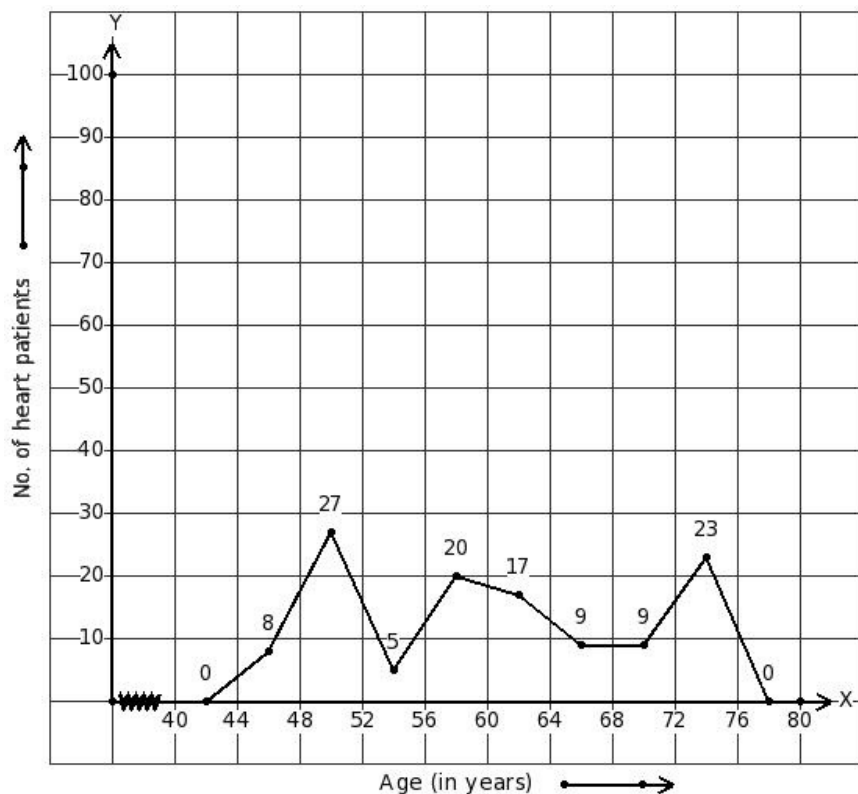
Class-Interval	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76	77 - 85
Frequency	11	10	24	40	32	30

3. Given frequency polygon showing the number of heart patients at various age groups, identify the class interval table.



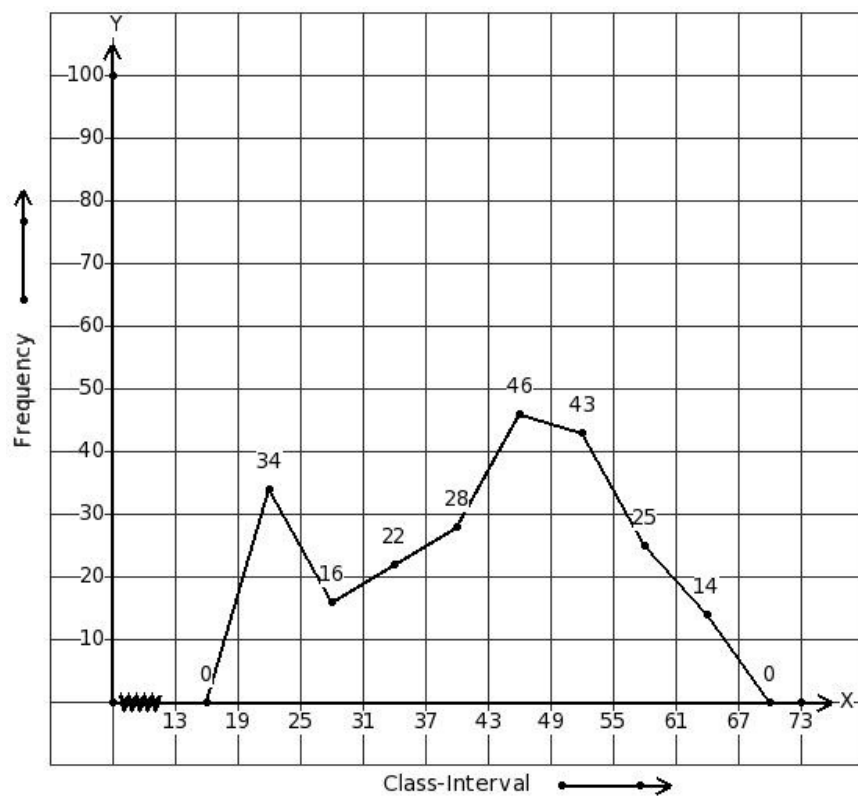
- (i)
- | Age (in years) | 34 - 40 | 41 - 47 | 48 - 54 | 55 - 61 | 62 - 68 | 69 - 75 | 76 - 82 | 83 - 89 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 25 | 9 | 14 | 9 | 7 | 17 | 11 | 14 |
- (ii)
- | Age (in years) | 34 - 40 | 41 - 47 | 48 - 54 | 55 - 61 | 62 - 68 | 69 - 75 | 76 - 82 | 83 - 89 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 25 | 14 | 17 | 9 | 7 | 17 | 11 | 9 |
- (iii)
- | Age (in years) | 34 - 40 | 41 - 47 | 48 - 54 | 55 - 61 | 62 - 68 | 69 - 75 | 76 - 82 | 83 - 89 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 25 | 14 | 9 | 14 | 7 | 17 | 11 | 9 |
- (iv)
- | Age (in years) | 34 - 40 | 41 - 47 | 48 - 54 | 55 - 61 | 62 - 68 | 69 - 75 | 76 - 82 | 83 - 89 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 25 | 14 | 14 | 9 | 11 | 17 | 11 | 9 |
- (v)
- | Age (in years) | 34 - 40 | 41 - 47 | 48 - 54 | 55 - 61 | 62 - 68 | 69 - 75 | 76 - 82 | 83 - 89 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 25 | 14 | 14 | 9 | 7 | 17 | 11 | 9 |

4. Given frequency polygon showing the number of heart patients at various age groups, identify the class interval table.



- (i)
- | Age (in years) | 44 - 48 | 48 - 52 | 52 - 56 | 56 - 60 | 60 - 64 | 64 - 68 | 68 - 72 | 72 - 76 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 8 | 27 | 5 | 20 | 17 | 9 | 9 | 23 |
- (ii)
- | Age (in years) | 44 - 48 | 48 - 52 | 52 - 56 | 56 - 60 | 60 - 64 | 64 - 68 | 68 - 72 | 72 - 76 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 8 | 27 | 5 | 20 | 21 | 9 | 9 | 23 |
- (iii)
- | Age (in years) | 44 - 48 | 48 - 52 | 52 - 56 | 56 - 60 | 60 - 64 | 64 - 68 | 68 - 72 | 72 - 76 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 8 | 27 | 20 | 5 | 17 | 9 | 9 | 23 |
- (iv)
- | Age (in years) | 44 - 48 | 48 - 52 | 52 - 56 | 56 - 60 | 60 - 64 | 64 - 68 | 68 - 72 | 72 - 76 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 8 | 23 | 5 | 20 | 17 | 9 | 9 | 27 |
- (v)
- | Age (in years) | 44 - 48 | 48 - 52 | 52 - 56 | 56 - 60 | 60 - 64 | 64 - 68 | 68 - 72 | 72 - 76 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of heart patients | 8 | 27 | 3 | 20 | 17 | 9 | 9 | 23 |

5. Identify the class interval table for the given frequency polygon.



(i)

Class-Interval	19 - 25	25 - 31	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
Frequency	34	16	22	28	48	43	25	14

(ii)

Class-Interval	19 - 25	25 - 31	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
Frequency	34	16	28	22	46	43	25	14

(iii)

Class-Interval	19 - 25	25 - 31	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
Frequency	34	14	22	28	46	43	25	16

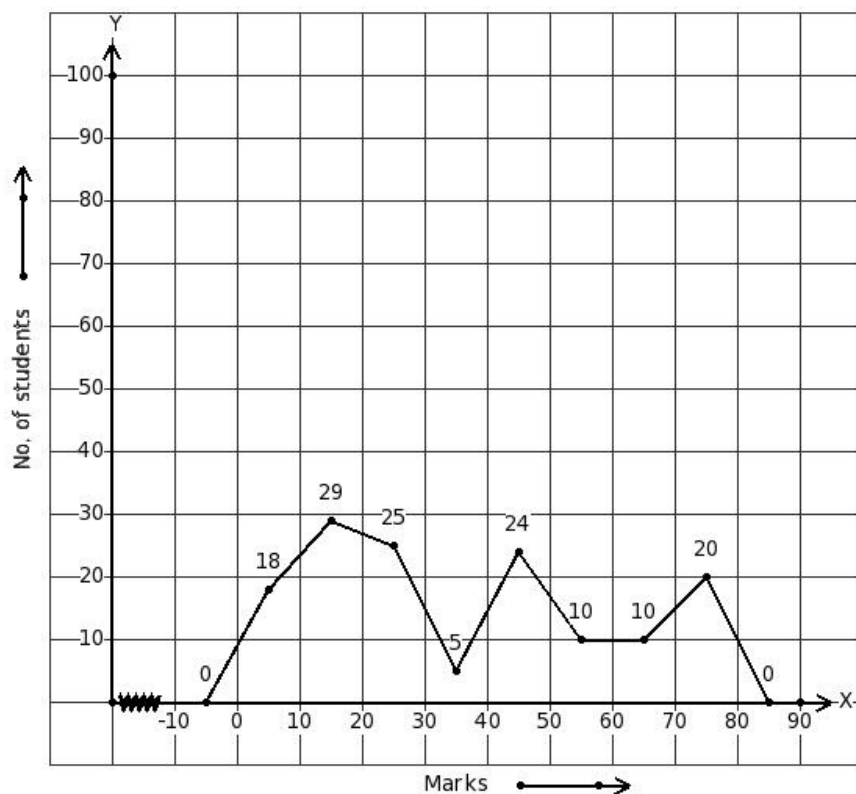
(iv)

Class-Interval	19 - 25	25 - 31	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
Frequency	34	16	17	28	46	43	25	14

(v)

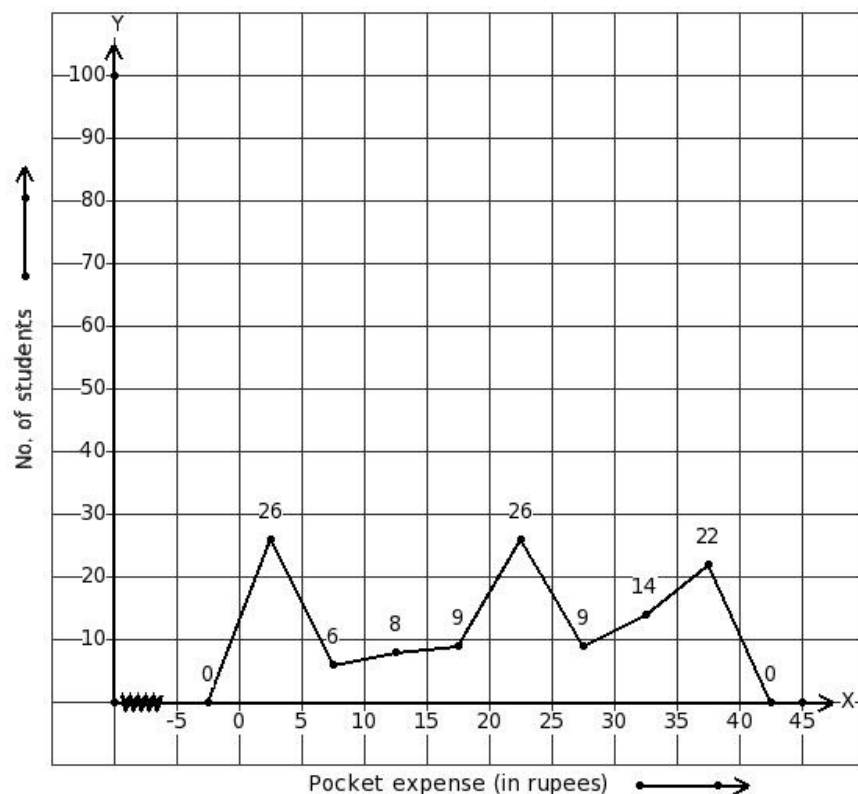
Class-Interval	19 - 25	25 - 31	31 - 37	37 - 43	43 - 49	49 - 55	55 - 61	61 - 67
Frequency	34	16	22	28	46	43	25	14

6. Marks obtained by 141 students of a class in an examination are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Marks | 0 - 10 | 10 - 20 | 20 - 30 | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-----------------|--------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 18 | 29 | 25 | 5 | 20 | 10 | 10 | 20 |
- (ii)
- | Marks | 0 - 10 | 10 - 20 | 20 - 30 | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-----------------|--------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 18 | 29 | 25 | 5 | 24 | 10 | 10 | 20 |
- (iii)
- | Marks | 0 - 10 | 10 - 20 | 20 - 30 | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-----------------|--------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 18 | 20 | 25 | 5 | 24 | 10 | 10 | 29 |
- (iv)
- | Marks | 0 - 10 | 10 - 20 | 20 - 30 | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-----------------|--------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 18 | 29 | 5 | 25 | 24 | 10 | 10 | 20 |
- (v)
- | Marks | 0 - 10 | 10 - 20 | 20 - 30 | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 |
|-----------------|--------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 18 | 29 | 28 | 5 | 24 | 10 | 10 | 20 |

7. The daily pocket expenses of 120 students in a school are given below.
Identify the class interval table for the given frequency polygon.



- (i)

Pocket expense (in rupees)	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	26	6	8	9	21	9	14	22
- (ii)

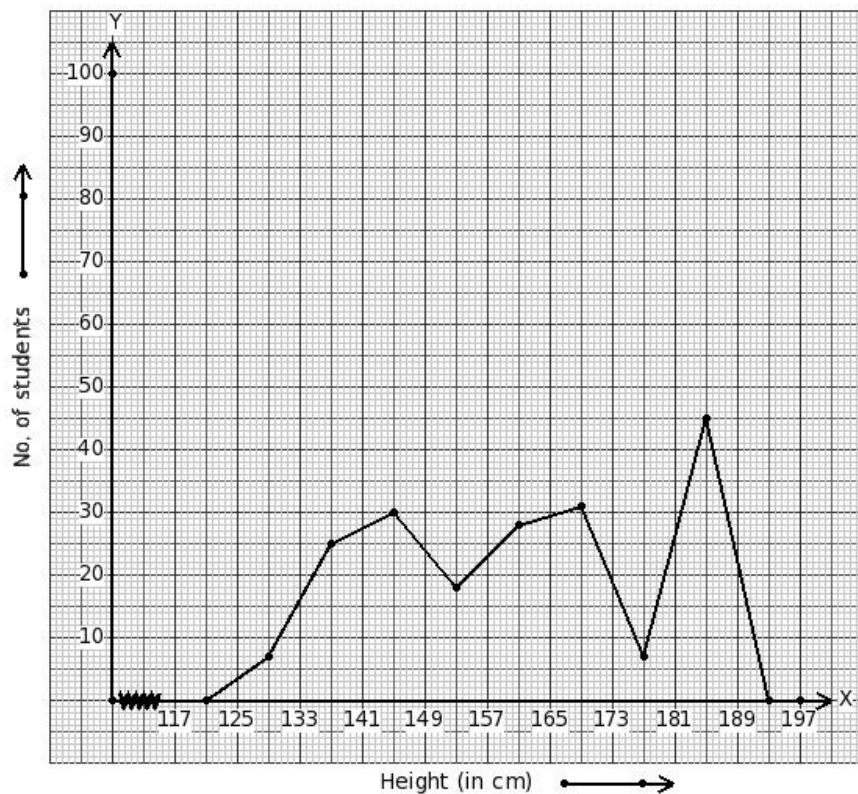
Pocket expense (in rupees)	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	26	6	9	8	26	9	14	22
- (iii)

Pocket expense (in rupees)	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	26	22	8	9	26	9	14	6
- (iv)

Pocket expense (in rupees)	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	26	6	11	9	26	9	14	22
- (v)

Pocket expense (in rupees)	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of students	26	6	8	9	26	9	14	22

8. Heights of 191 students (in cm) are given below. Identify the class interval table for the given frequency polygon.



(i)

Height (in cm)	125 - 133	133 - 141	141 - 149	149 - 157	157 - 165	165 - 173	173 - 181	181 - 189
No. of students	7	25	30	18	33	31	7	45

(ii)

Height (in cm)	125 - 133	133 - 141	141 - 149	149 - 157	157 - 165	165 - 173	173 - 181	181 - 189
No. of students	7	45	30	18	28	31	7	25

(iii)

Height (in cm)	125 - 133	133 - 141	141 - 149	149 - 157	157 - 165	165 - 173	173 - 181	181 - 189
No. of students	7	25	35	18	28	31	7	45

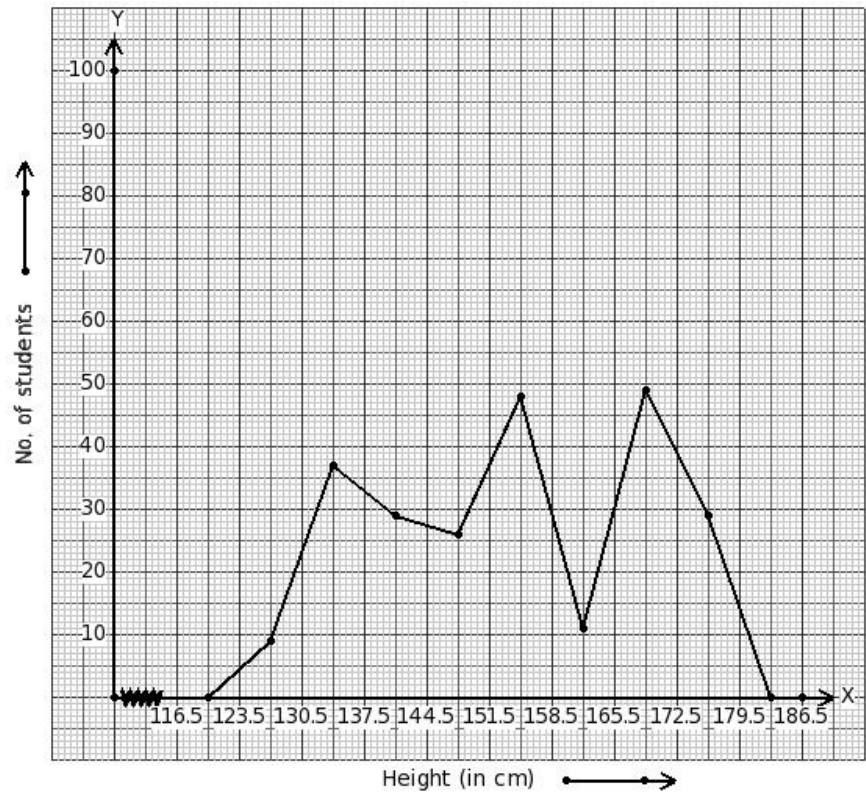
(iv)

Height (in cm)	125 - 133	133 - 141	141 - 149	149 - 157	157 - 165	165 - 173	173 - 181	181 - 189
No. of students	7	25	30	18	28	31	7	45

(v)

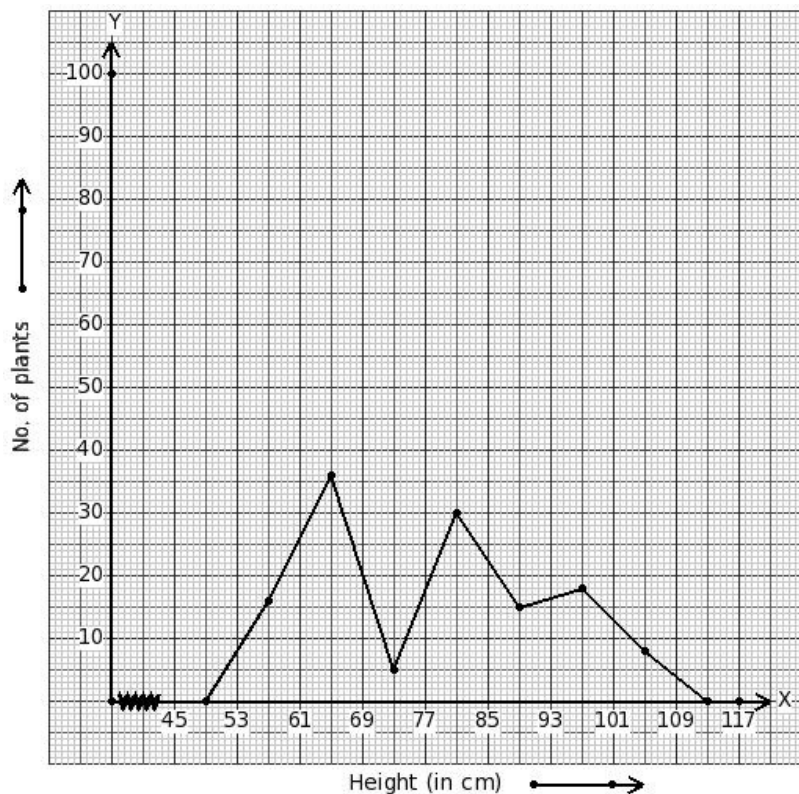
Height (in cm)	125 - 133	133 - 141	141 - 149	149 - 157	157 - 165	165 - 173	173 - 181	181 - 189
No. of students	7	25	18	30	28	31	7	45

9. Heights of 238 students (in cm) are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Height (in cm) | 124 - 130 | 131 - 137 | 138 - 144 | 145 - 151 | 152 - 158 | 159 - 165 | 166 - 172 | 173 - 179 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 9 | 29 | 29 | 26 | 48 | 11 | 49 | 37 |
- (ii)
- | Height (in cm) | 124 - 130 | 131 - 137 | 138 - 144 | 145 - 151 | 152 - 158 | 159 - 165 | 166 - 172 | 173 - 179 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 9 | 37 | 32 | 26 | 48 | 11 | 49 | 29 |
- (iii)
- | Height (in cm) | 124 - 130 | 131 - 137 | 138 - 144 | 145 - 151 | 152 - 158 | 159 - 165 | 166 - 172 | 173 - 179 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 9 | 37 | 26 | 29 | 48 | 11 | 49 | 29 |
- (iv)
- | Height (in cm) | 124 - 130 | 131 - 137 | 138 - 144 | 145 - 151 | 152 - 158 | 159 - 165 | 166 - 172 | 173 - 179 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 9 | 37 | 29 | 26 | 51 | 11 | 49 | 29 |
- (v)
- | Height (in cm) | 124 - 130 | 131 - 137 | 138 - 144 | 145 - 151 | 152 - 158 | 159 - 165 | 166 - 172 | 173 - 179 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 9 | 37 | 29 | 26 | 48 | 11 | 49 | 29 |

10. Heights of 128 plants (in cm) are given below. Identify the class interval table for the given frequency polygon.



(i)

Height (in cm)	53 - 61	61 - 69	69 - 77	77 - 85	85 - 93	93 - 101	101 - 109
No. of plants	16	36	9	30	15	18	8

(ii)

Height (in cm)	53 - 61	61 - 69	69 - 77	77 - 85	85 - 93	93 - 101	101 - 109
No. of plants	16	5	36	30	15	18	8

(iii)

Height (in cm)	53 - 61	61 - 69	69 - 77	77 - 85	85 - 93	93 - 101	101 - 109
No. of plants	16	36	5	30	15	18	8

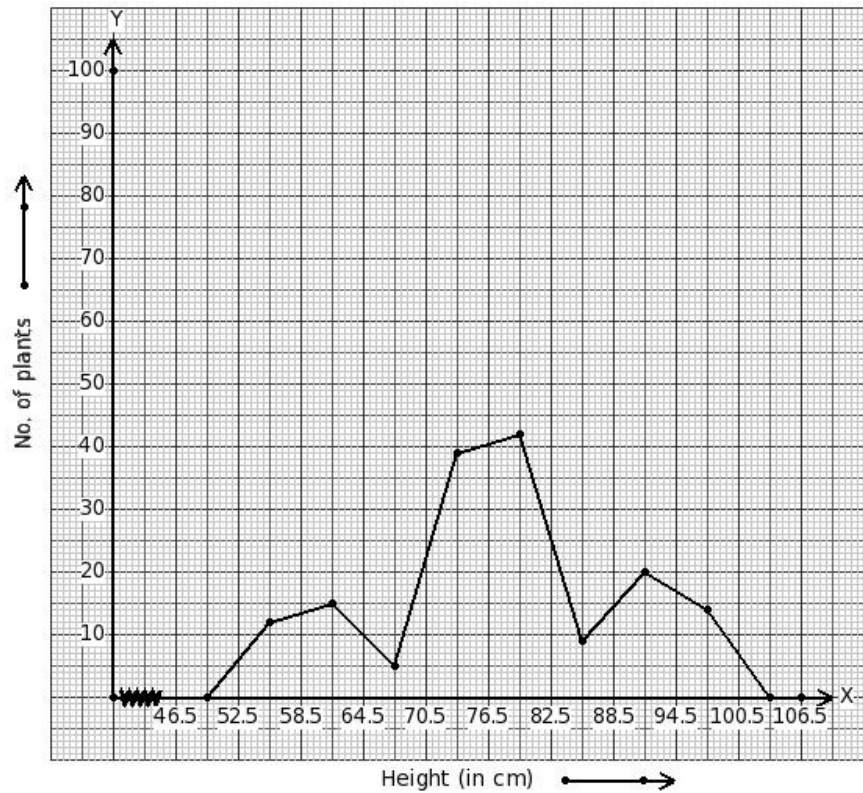
(iv)

Height (in cm)	53 - 61	61 - 69	69 - 77	77 - 85	85 - 93	93 - 101	101 - 109
No. of plants	16	36	5	34	15	18	8

(v)

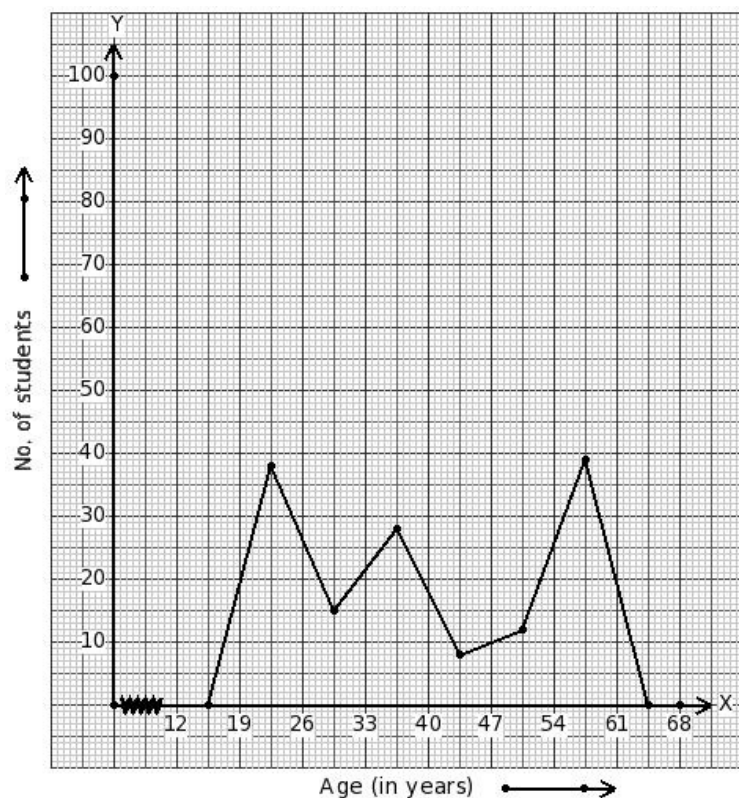
Height (in cm)	53 - 61	61 - 69	69 - 77	77 - 85	85 - 93	93 - 101	101 - 109
No. of plants	16	8	5	30	15	18	36

11. Heights of 156 plants (in cm) are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Height (in cm) | 53 - 58 | 59 - 64 | 65 - 70 | 71 - 76 | 77 - 82 | 83 - 88 | 89 - 94 | 95 - 100 |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|
| No. of plants | 12 | 15 | 9 | 39 | 42 | 9 | 20 | 14 |
- (ii)
- | Height (in cm) | 53 - 58 | 59 - 64 | 65 - 70 | 71 - 76 | 77 - 82 | 83 - 88 | 89 - 94 | 95 - 100 |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|
| No. of plants | 12 | 15 | 5 | 39 | 42 | 9 | 20 | 14 |
- (iii)
- | Height (in cm) | 53 - 58 | 59 - 64 | 65 - 70 | 71 - 76 | 77 - 82 | 83 - 88 | 89 - 94 | 95 - 100 |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|
| No. of plants | 12 | 15 | 5 | 39 | 46 | 9 | 20 | 14 |
- (iv)
- | Height (in cm) | 53 - 58 | 59 - 64 | 65 - 70 | 71 - 76 | 77 - 82 | 83 - 88 | 89 - 94 | 95 - 100 |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|
| No. of plants | 12 | 15 | 39 | 5 | 42 | 9 | 20 | 14 |
- (v)
- | Height (in cm) | 53 - 58 | 59 - 64 | 65 - 70 | 71 - 76 | 77 - 82 | 83 - 88 | 89 - 94 | 95 - 100 |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|
| No. of plants | 12 | 14 | 5 | 39 | 42 | 9 | 20 | 15 |

12. Ages of 140 students (in years) are given below. Identify the class interval table for the given frequency polygon.



(i)

Age (in years)	19 - 26	26 - 33	33 - 40	40 - 47	47 - 54	54 - 61
No. of students	38	15	32	8	12	39

(ii)

Age (in years)	19 - 26	26 - 33	33 - 40	40 - 47	47 - 54	54 - 61
No. of students	38	28	15	8	12	39

(iii)

Age (in years)	19 - 26	26 - 33	33 - 40	40 - 47	47 - 54	54 - 61
No. of students	38	15	28	3	12	39

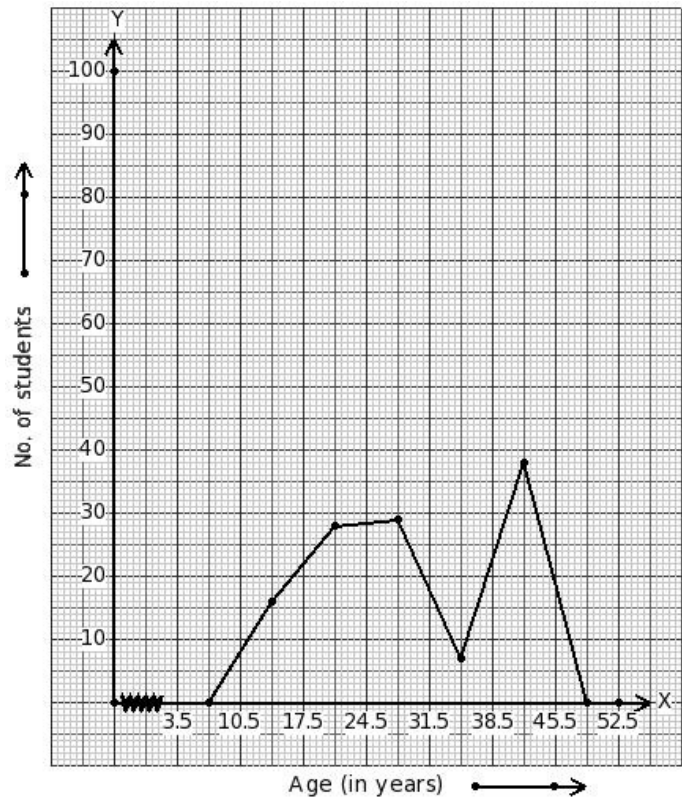
(iv)

Age (in years)	19 - 26	26 - 33	33 - 40	40 - 47	47 - 54	54 - 61
No. of students	38	15	28	8	12	39

(v)

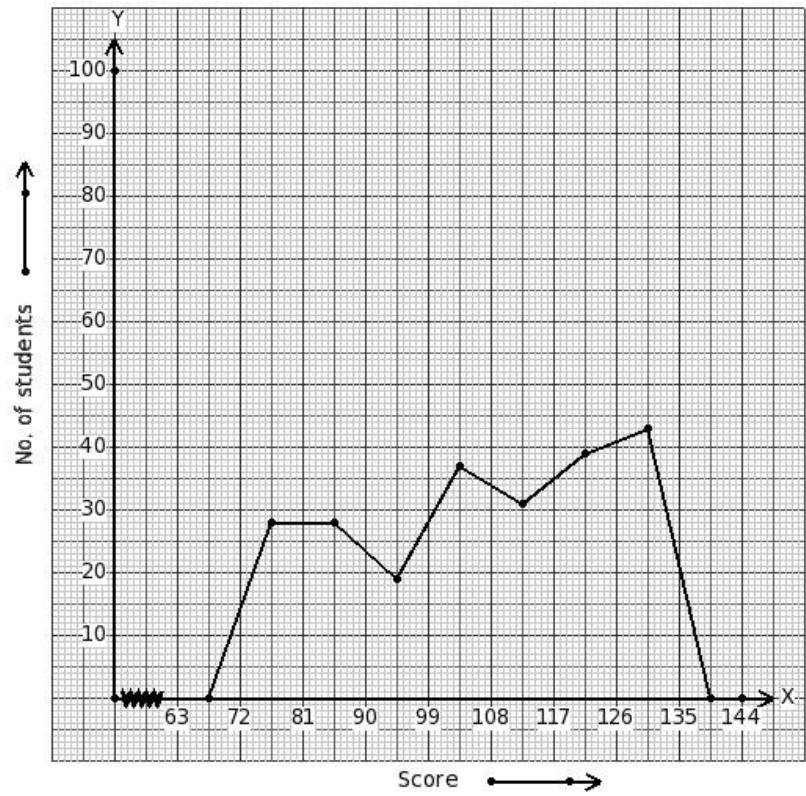
Age (in years)	19 - 26	26 - 33	33 - 40	40 - 47	47 - 54	54 - 61
No. of students	38	39	28	8	12	15

13. Ages of 118 students (in years) are given below. Identify the class interval table for the given frequency polygon.



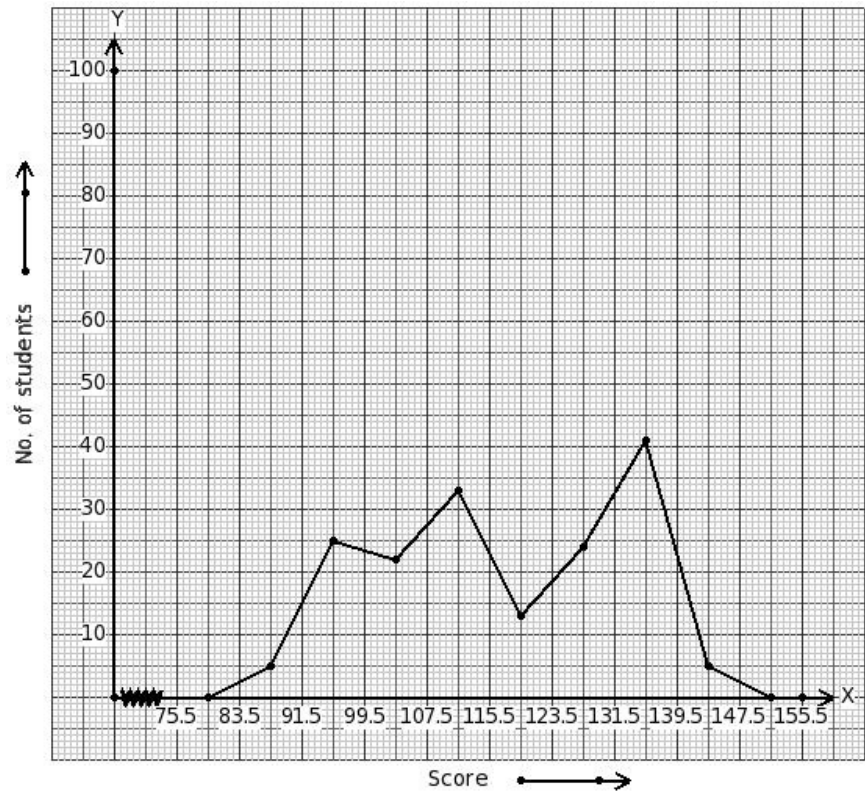
- (i)
- | Age (in years) | 11 - 17 | 18 - 24 | 25 - 31 | 32 - 38 | 39 - 45 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 16 | 28 | 29 | 7 | 38 |
- (ii)
- | Age (in years) | 11 - 17 | 18 - 24 | 25 - 31 | 32 - 38 | 39 - 45 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 16 | 28 | 32 | 7 | 38 |
- (iii)
- | Age (in years) | 11 - 17 | 18 - 24 | 25 - 31 | 32 - 38 | 39 - 45 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 16 | 26 | 29 | 7 | 38 |
- (iv)
- | Age (in years) | 11 - 17 | 18 - 24 | 25 - 31 | 32 - 38 | 39 - 45 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 16 | 29 | 28 | 7 | 38 |
- (v)
- | Age (in years) | 11 - 17 | 18 - 24 | 25 - 31 | 32 - 38 | 39 - 45 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 16 | 38 | 29 | 7 | 28 |

14. Scores of 225 students are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Score | 72 - 81 | 81 - 90 | 90 - 99 | 99 - 108 | 108 - 117 | 117 - 126 | 126 - 135 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 28 | 28 | 19 | 37 | 31 | 39 | 43 |
- (ii)
- | Score | 72 - 81 | 81 - 90 | 90 - 99 | 99 - 108 | 108 - 117 | 117 - 126 | 126 - 135 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 28 | 19 | 28 | 37 | 31 | 39 | 43 |
- (iii)
- | Score | 72 - 81 | 81 - 90 | 90 - 99 | 99 - 108 | 108 - 117 | 117 - 126 | 126 - 135 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 28 | 28 | 19 | 33 | 31 | 39 | 43 |
- (iv)
- | Score | 72 - 81 | 81 - 90 | 90 - 99 | 99 - 108 | 108 - 117 | 117 - 126 | 126 - 135 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 28 | 28 | 15 | 37 | 31 | 39 | 43 |
- (v)
- | Score | 72 - 81 | 81 - 90 | 90 - 99 | 99 - 108 | 108 - 117 | 117 - 126 | 126 - 135 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 28 | 43 | 19 | 37 | 31 | 39 | 28 |

15. Scores of 168 students are given below. Identify the class interval table for the given frequency polygon.



(i)

Score	84 - 91	92 - 99	100 - 107	108 - 115	116 - 123	124 - 131	132 - 139	140 - 147
No. of students	5	25	33	22	13	24	41	5

(ii)

Score	84 - 91	92 - 99	100 - 107	108 - 115	116 - 123	124 - 131	132 - 139	140 - 147
No. of students	5	5	22	33	13	24	41	25

(iii)

Score	84 - 91	92 - 99	100 - 107	108 - 115	116 - 123	124 - 131	132 - 139	140 - 147
No. of students	5	25	22	33	13	24	41	5

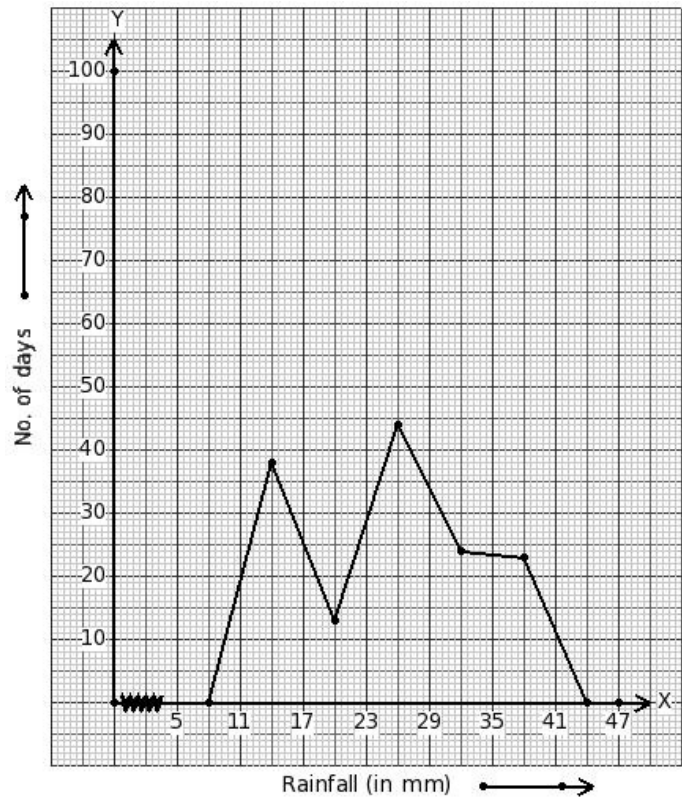
(iv)

Score	84 - 91	92 - 99	100 - 107	108 - 115	116 - 123	124 - 131	132 - 139	140 - 147
No. of students	5	25	22	33	17	24	41	5

(v)

Score	84 - 91	92 - 99	100 - 107	108 - 115	116 - 123	124 - 131	132 - 139	140 - 147
No. of students	5	25	20	33	13	24	41	5

16. Rainfall of 142 days (in mm) are given below. Identify the class interval table for the given frequency polygon.



(i)

Rainfall (in mm)	11 - 17	17 - 23	23 - 29	29 - 35	35 - 41
No. of days	38	13	49	24	23

(ii)

Rainfall (in mm)	11 - 17	17 - 23	23 - 29	29 - 35	35 - 41
No. of days	38	15	44	24	23

(iii)

Rainfall (in mm)	11 - 17	17 - 23	23 - 29	29 - 35	35 - 41
No. of days	38	23	44	24	13

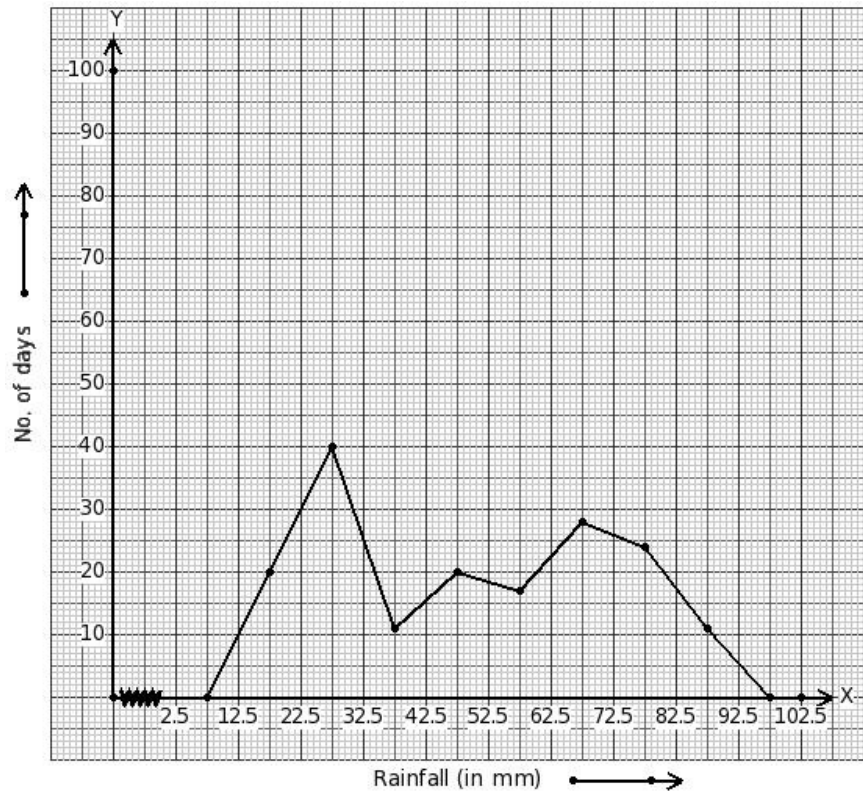
(iv)

Rainfall (in mm)	11 - 17	17 - 23	23 - 29	29 - 35	35 - 41
No. of days	38	44	13	24	23

(v)

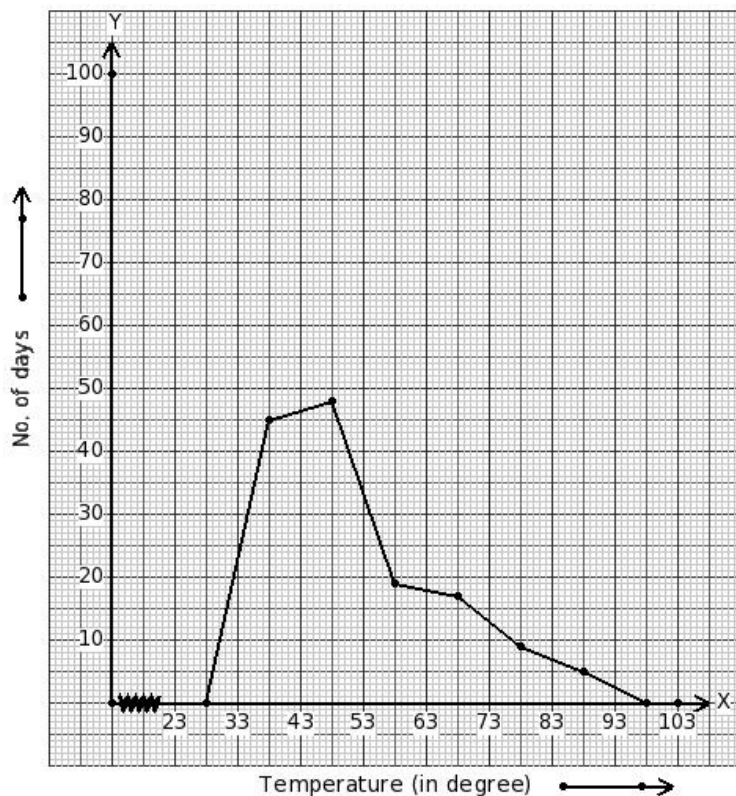
Rainfall (in mm)	11 - 17	17 - 23	23 - 29	29 - 35	35 - 41
No. of days	38	13	44	24	23

17. Rainfall of 171 days (in mm) are given below. Identify the class interval table for the given frequency polygon.



- (i)
- | Rainfall (in mm) | 13 - 22 | 23 - 32 | 33 - 42 | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 20 | 40 | 20 | 11 | 17 | 28 | 24 | 11 |
- (ii)
- | Rainfall (in mm) | 13 - 22 | 23 - 32 | 33 - 42 | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 20 | 40 | 11 | 20 | 17 | 28 | 24 | 11 |
- (iii)
- | Rainfall (in mm) | 13 - 22 | 23 - 32 | 33 - 42 | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 20 | 40 | 11 | 20 | 14 | 28 | 24 | 11 |
- (iv)
- | Rainfall (in mm) | 13 - 22 | 23 - 32 | 33 - 42 | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 20 | 40 | 16 | 20 | 17 | 28 | 24 | 11 |
- (v)
- | Rainfall (in mm) | 13 - 22 | 23 - 32 | 33 - 42 | 43 - 52 | 53 - 62 | 63 - 72 | 73 - 82 | 83 - 92 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of days | 20 | 11 | 11 | 20 | 17 | 28 | 24 | 40 |

18. Temperatures of 143 days (in $^{\circ}\text{C}$) are given below.
Identify the class interval table for the given frequency polygon.



- (i)

Temperature (in degree)	33 - 43	43 - 53	53 - 63	63 - 73	73 - 83	83 - 93
No. of days	45	19	48	17	9	5
- (ii)

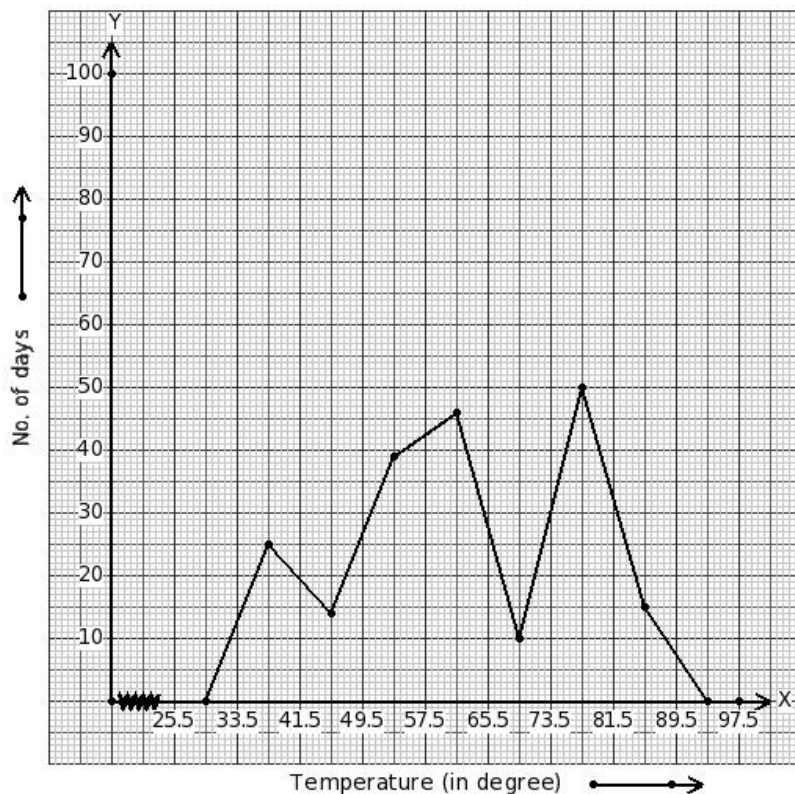
Temperature (in degree)	33 - 43	43 - 53	53 - 63	63 - 73	73 - 83	83 - 93
No. of days	45	48	19	13	9	5
- (iii)

Temperature (in degree)	33 - 43	43 - 53	53 - 63	63 - 73	73 - 83	83 - 93
No. of days	45	5	19	17	9	48
- (iv)

Temperature (in degree)	33 - 43	43 - 53	53 - 63	63 - 73	73 - 83	83 - 93
No. of days	45	48	19	17	9	5
- (v)

Temperature (in degree)	33 - 43	43 - 53	53 - 63	63 - 73	73 - 83	83 - 93
No. of days	45	48	24	17	9	5

19. Temperatures of 199 days (in °C) are given below.
Identify the class interval table for the given frequency polygon.



- (i)

Temperature (in degree)	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73	74 - 81	82 - 89
No. of days	25	14	39	51	10	50	15
- (ii)

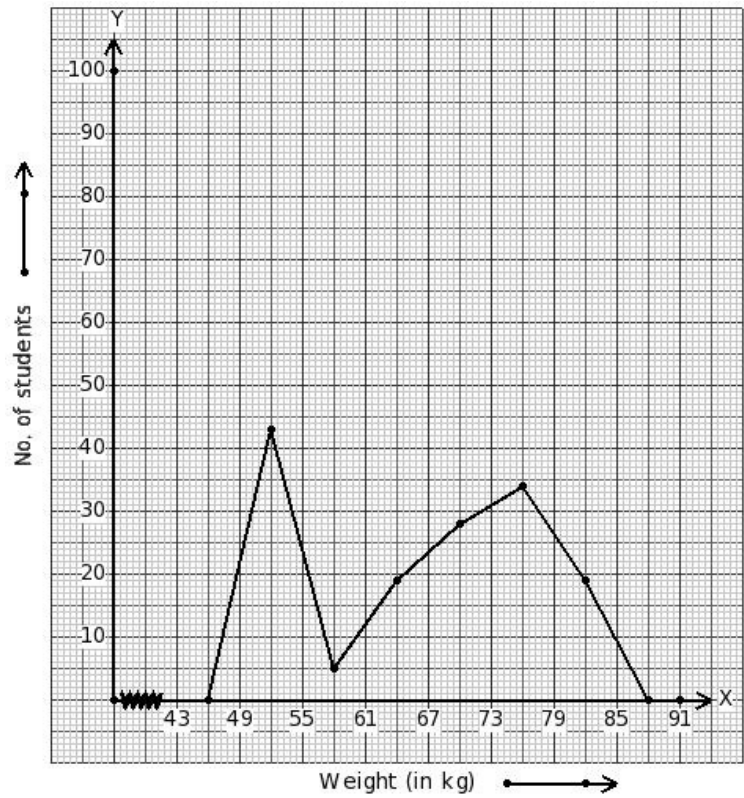
Temperature (in degree)	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73	74 - 81	82 - 89
No. of days	25	14	44	46	10	50	15
- (iii)

Temperature (in degree)	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73	74 - 81	82 - 89
No. of days	25	14	39	46	10	50	15
- (iv)

Temperature (in degree)	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73	74 - 81	82 - 89
No. of days	25	39	14	46	10	50	15
- (v)

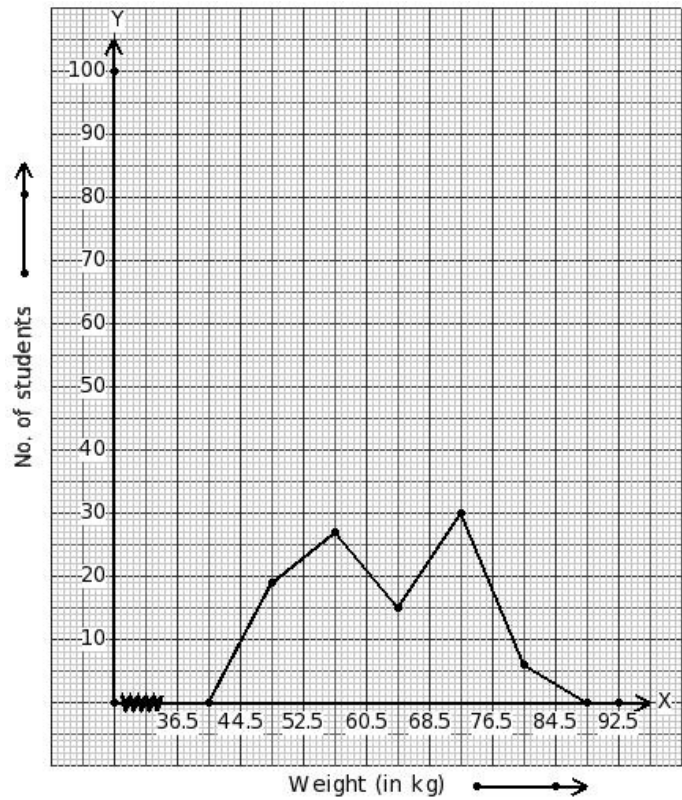
Temperature (in degree)	34 - 41	42 - 49	50 - 57	58 - 65	66 - 73	74 - 81	82 - 89
No. of days	25	15	39	46	10	50	14

20. Weights of 148 students (in kg) are given below. Identify the class interval table for the given frequency polygon.



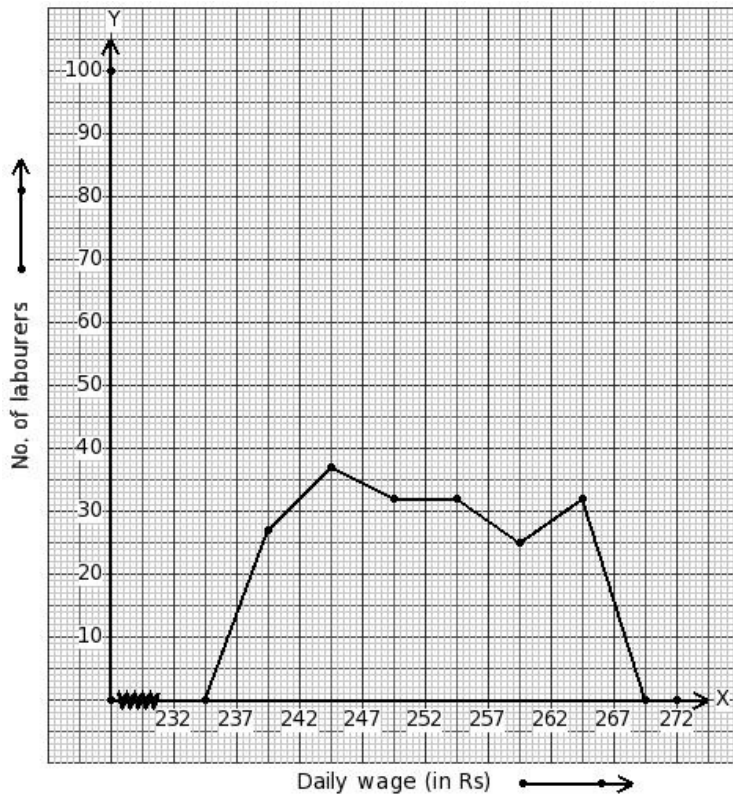
- (i)
- | Weight (in kg) | 49 - 55 | 55 - 61 | 61 - 67 | 67 - 73 | 73 - 79 | 79 - 85 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 43 | 5 | 23 | 28 | 34 | 19 |
- (ii)
- | Weight (in kg) | 49 - 55 | 55 - 61 | 61 - 67 | 67 - 73 | 73 - 79 | 79 - 85 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 43 | 5 | 19 | 28 | 34 | 19 |
- (iii)
- | Weight (in kg) | 49 - 55 | 55 - 61 | 61 - 67 | 67 - 73 | 73 - 79 | 79 - 85 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 43 | 19 | 5 | 28 | 34 | 19 |
- (iv)
- | Weight (in kg) | 49 - 55 | 55 - 61 | 61 - 67 | 67 - 73 | 73 - 79 | 79 - 85 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 43 | 19 | 19 | 28 | 34 | 5 |
- (v)
- | Weight (in kg) | 49 - 55 | 55 - 61 | 61 - 67 | 67 - 73 | 73 - 79 | 79 - 85 |
|-----------------|---------|---------|---------|---------|---------|---------|
| No. of students | 43 | 5 | 19 | 26 | 34 | 19 |

21. Weights of 97 students (in kg) are given below. Identify the class interval table for the given frequency polygon.



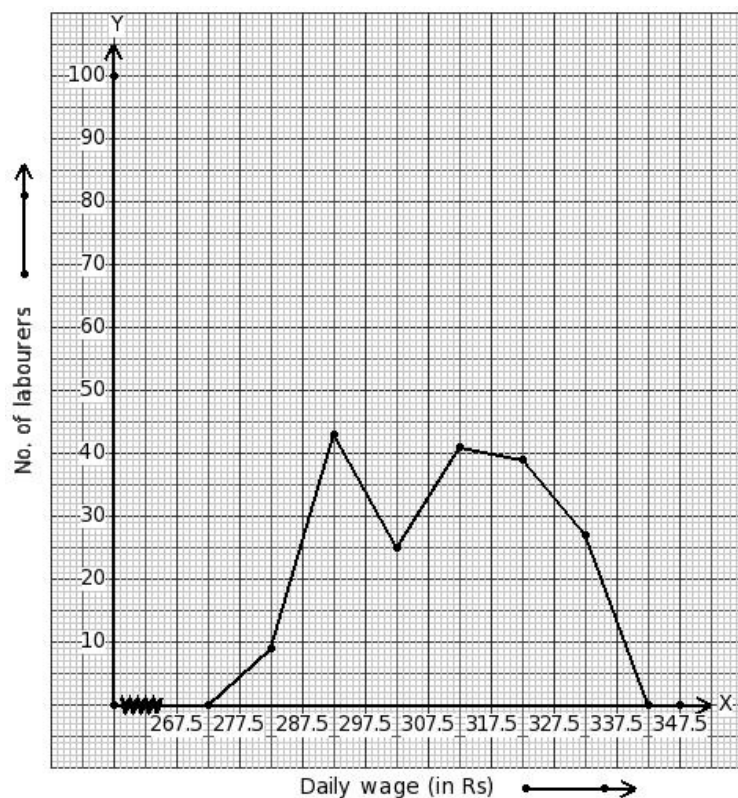
- (i)
- | Weight (in kg) | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 19 | 29 | 15 | 30 | 6 |
- (ii)
- | Weight (in kg) | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 19 | 27 | 15 | 30 | 6 |
- (iii)
- | Weight (in kg) | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 19 | 6 | 15 | 30 | 27 |
- (iv)
- | Weight (in kg) | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 19 | 15 | 27 | 30 | 6 |
- (v)
- | Weight (in kg) | 45 - 52 | 53 - 60 | 61 - 68 | 69 - 76 | 77 - 84 |
|-----------------|---------|---------|---------|---------|---------|
| No. of students | 19 | 27 | 20 | 30 | 6 |

22. Daily wages of 185 labourers (in ₹) are given below.
Identify the class interval table for the given frequency polygon.



- (i)
- | Daily wage (in Rs) | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 27 | 37 | 32 | 30 | 25 | 32 |
- (ii)
- | Daily wage (in Rs) | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 27 | 32 | 37 | 32 | 25 | 32 |
- (iii)
- | Daily wage (in Rs) | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 27 | 32 | 32 | 32 | 25 | 37 |
- (iv)
- | Daily wage (in Rs) | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 27 | 37 | 37 | 32 | 25 | 32 |
- (v)
- | Daily wage (in Rs) | 237 - 242 | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 27 | 37 | 32 | 32 | 25 | 32 |

23. Daily wages of 184 labourers (in ₹) are given below.
Identify the class interval table for the given frequency polygon.



- (i)

Daily wage (in Rs)	278 - 287	288 - 297	298 - 307	308 - 317	318 - 327	328 - 337
No. of labourers	9	27	25	41	39	43
- (ii)

Daily wage (in Rs)	278 - 287	288 - 297	298 - 307	308 - 317	318 - 327	328 - 337
No. of labourers	9	25	43	41	39	27
- (iii)

Daily wage (in Rs)	278 - 287	288 - 297	298 - 307	308 - 317	318 - 327	328 - 337
No. of labourers	9	43	25	36	39	27
- (iv)

Daily wage (in Rs)	278 - 287	288 - 297	298 - 307	308 - 317	318 - 327	328 - 337
No. of labourers	9	43	22	41	39	27
- (v)

Daily wage (in Rs)	278 - 287	288 - 297	298 - 307	308 - 317	318 - 327	328 - 337
No. of labourers	9	43	25	41	39	27

Assignment Key

1) (iv)	2) (iv)	3) (v)	4) (i)	5) (v)	6) (ii)
7) (v)	8) (iv)	9) (v)	10) (iii)	11) (ii)	12) (iv)
13) (i)	14) (i)	15) (iii)	16) (v)	17) (ii)	18) (iv)
19) (iii)	20) (ii)	21) (ii)	22) (v)	23) (v)	