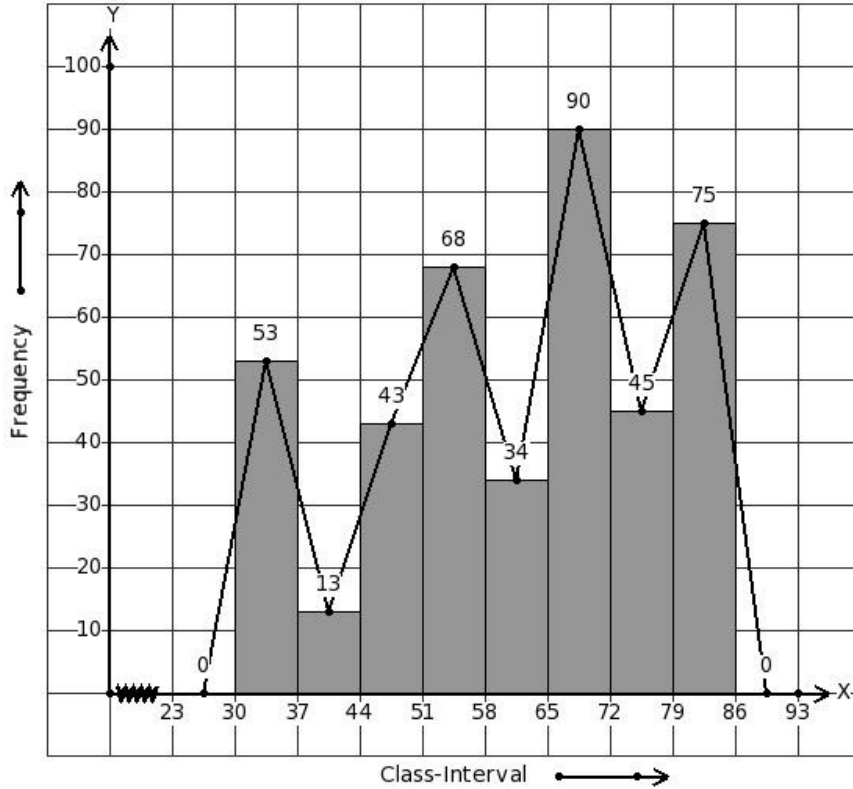




1. Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

| | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Class-Interval | 30 - 37 | 37 - 44 | 44 - 51 | 51 - 58 | 58 - 65 | 65 - 72 | 72 - 79 | 79 - 86 |
| Frequency | 53 | 75 | 43 | 68 | 34 | 90 | 45 | 13 |

(ii)

| | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Class-Interval | 30 - 37 | 37 - 44 | 44 - 51 | 51 - 58 | 58 - 65 | 65 - 72 | 72 - 79 | 79 - 86 |
| Frequency | 53 | 13 | 43 | 68 | 38 | 90 | 45 | 75 |

(iii)

| | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Class-Interval | 30 - 37 | 37 - 44 | 44 - 51 | 51 - 58 | 58 - 65 | 65 - 72 | 72 - 79 | 79 - 86 |
| Frequency | 53 | 13 | 43 | 68 | 34 | 90 | 45 | 75 |

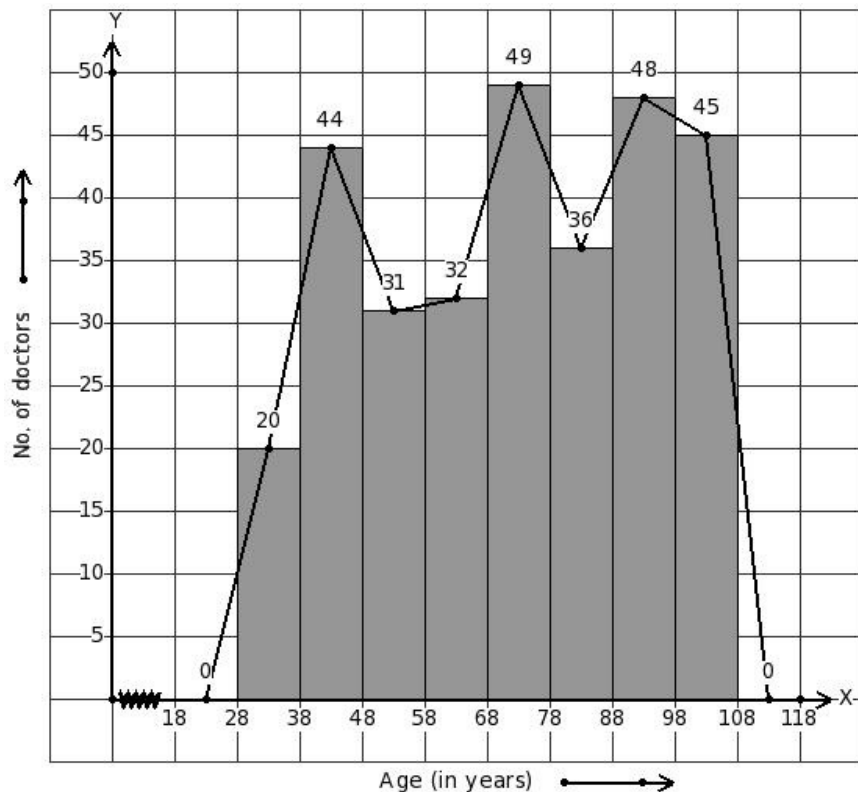
(iv)

| | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Class-Interval | 30 - 37 | 37 - 44 | 44 - 51 | 51 - 58 | 58 - 65 | 65 - 72 | 72 - 79 | 79 - 86 |
| Frequency | 53 | 13 | 68 | 43 | 34 | 90 | 45 | 75 |

(v)

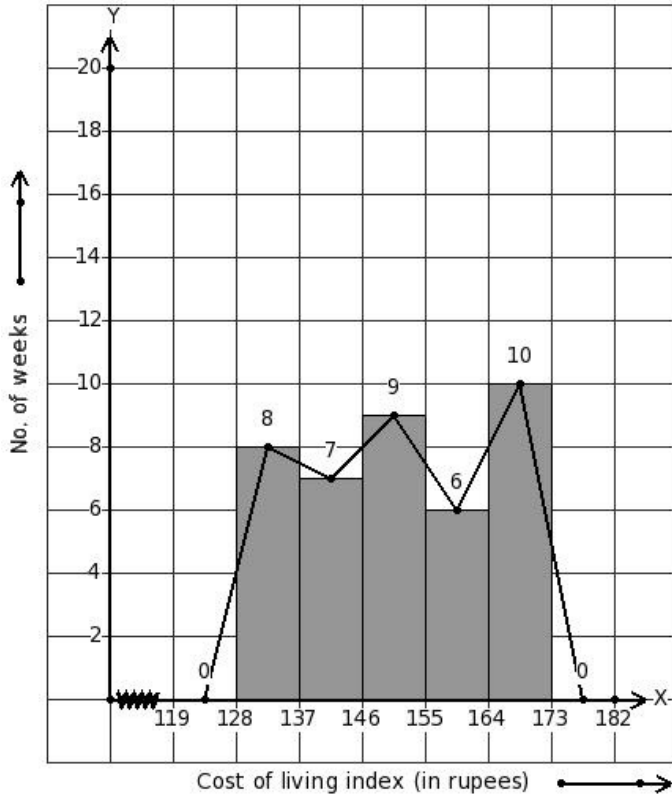
| | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Class-Interval | 30 - 37 | 37 - 44 | 44 - 51 | 51 - 58 | 58 - 65 | 65 - 72 | 72 - 79 | 79 - 86 |
| Frequency | 53 | 13 | 40 | 68 | 34 | 90 | 45 | 75 |

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)
- | | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| Age (in years) | 28 - 38 | 38 - 48 | 48 - 58 | 58 - 68 | 68 - 78 | 78 - 88 | 88 - 98 | 98 - 108 |
| No. of doctors | 20 | 44 | 32 | 31 | 49 | 36 | 48 | 45 |
- (ii)
- | | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| Age (in years) | 28 - 38 | 38 - 48 | 48 - 58 | 58 - 68 | 68 - 78 | 78 - 88 | 88 - 98 | 98 - 108 |
| No. of doctors | 20 | 44 | 36 | 32 | 49 | 36 | 48 | 45 |
- (iii)
- | | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| Age (in years) | 28 - 38 | 38 - 48 | 48 - 58 | 58 - 68 | 68 - 78 | 78 - 88 | 88 - 98 | 98 - 108 |
| No. of doctors | 20 | 44 | 31 | 32 | 52 | 36 | 48 | 45 |
- (iv)
- | | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| Age (in years) | 28 - 38 | 38 - 48 | 48 - 58 | 58 - 68 | 68 - 78 | 78 - 88 | 88 - 98 | 98 - 108 |
| No. of doctors | 20 | 45 | 31 | 32 | 49 | 36 | 48 | 44 |
- (v)
- | | | | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| Age (in years) | 28 - 38 | 38 - 48 | 48 - 58 | 58 - 68 | 68 - 78 | 78 - 88 | 88 - 98 | 98 - 108 |
| No. of doctors | 20 | 44 | 31 | 32 | 49 | 36 | 48 | 45 |

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)

| Cost of living index (in rupees) | 128 - 137 | 137 - 146 | 146 - 155 | 155 - 164 | 164 - 173 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| No. of weeks | 8 | 7 | 9 | 6 | 10 |
- (ii)

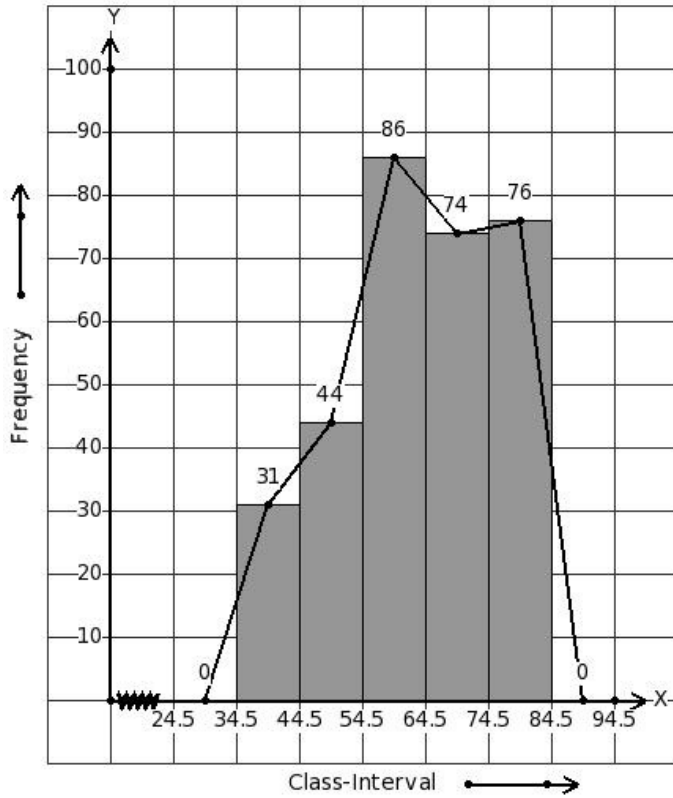
| Cost of living index (in rupees) | 128 - 137 | 137 - 146 | 146 - 155 | 155 - 164 | 164 - 173 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| No. of weeks | 8 | 12 | 9 | 6 | 10 |
- (iii)

| Cost of living index (in rupees) | 128 - 137 | 137 - 146 | 146 - 155 | 155 - 164 | 164 - 173 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| No. of weeks | 8 | 10 | 9 | 6 | 7 |
- (iv)

| Cost of living index (in rupees) | 128 - 137 | 137 - 146 | 146 - 155 | 155 - 164 | 164 - 173 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| No. of weeks | 8 | 9 | 7 | 6 | 10 |
- (v)

| Cost of living index (in rupees) | 128 - 137 | 137 - 146 | 146 - 155 | 155 - 164 | 164 - 173 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| No. of weeks | 8 | 7 | 7 | 6 | 10 |

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



(i)

| | | | | | |
|-----------------------|---------|---------|---------|---------|---------|
| Class-Interval | 35 - 44 | 45 - 54 | 55 - 64 | 65 - 74 | 75 - 84 |
| Frequency | 31 | 86 | 44 | 74 | 76 |

(ii)

| | | | | | |
|-----------------------|---------|---------|---------|---------|---------|
| Class-Interval | 35 - 44 | 45 - 54 | 55 - 64 | 65 - 74 | 75 - 84 |
| Frequency | 31 | 42 | 86 | 74 | 76 |

(iii)

| | | | | | |
|-----------------------|---------|---------|---------|---------|---------|
| Class-Interval | 35 - 44 | 45 - 54 | 55 - 64 | 65 - 74 | 75 - 84 |
| Frequency | 31 | 76 | 86 | 74 | 44 |

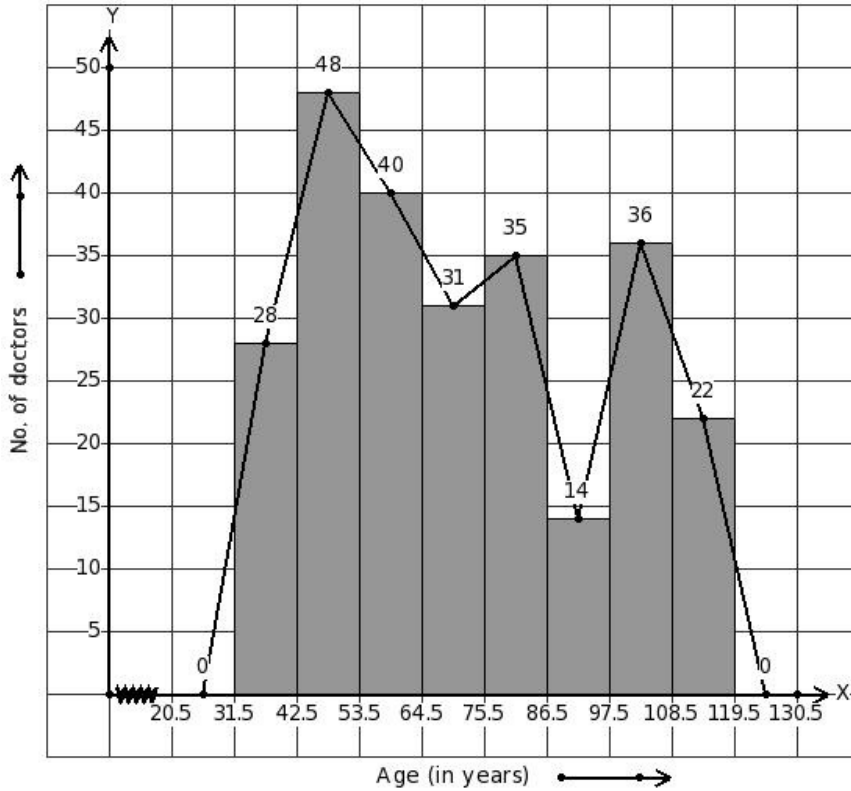
(iv)

| | | | | | |
|-----------------------|---------|---------|---------|---------|---------|
| Class-Interval | 35 - 44 | 45 - 54 | 55 - 64 | 65 - 74 | 75 - 84 |
| Frequency | 31 | 44 | 90 | 74 | 76 |

(v)

| | | | | | |
|-----------------------|---------|---------|---------|---------|---------|
| Class-Interval | 35 - 44 | 45 - 54 | 55 - 64 | 65 - 74 | 75 - 84 |
| Frequency | 31 | 44 | 86 | 74 | 76 |

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)

| Age (in years) | 32 - 42 | 43 - 53 | 54 - 64 | 65 - 75 | 76 - 86 | 87 - 97 | 98 - 108 | 109 - 119 |
|----------------|---------|---------|---------|---------|---------|---------|----------|-----------|
| No. of doctors | 28 | 48 | 31 | 40 | 35 | 14 | 36 | 22 |

(ii)

| Age (in years) | 32 - 42 | 43 - 53 | 54 - 64 | 65 - 75 | 76 - 86 | 87 - 97 | 98 - 108 | 109 - 119 |
|----------------|---------|---------|---------|---------|---------|---------|----------|-----------|
| No. of doctors | 28 | 22 | 40 | 31 | 35 | 14 | 36 | 48 |

(iii)

| Age (in years) | 32 - 42 | 43 - 53 | 54 - 64 | 65 - 75 | 76 - 86 | 87 - 97 | 98 - 108 | 109 - 119 |
|----------------|---------|---------|---------|---------|---------|---------|----------|-----------|
| No. of doctors | 28 | 48 | 35 | 31 | 35 | 14 | 36 | 22 |

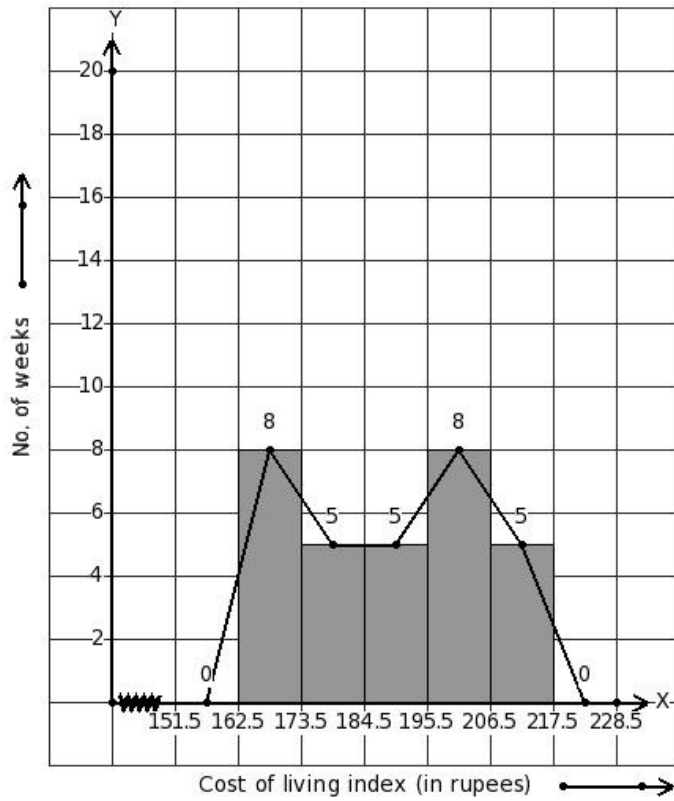
(iv)

| Age (in years) | 32 - 42 | 43 - 53 | 54 - 64 | 65 - 75 | 76 - 86 | 87 - 97 | 98 - 108 | 109 - 119 |
|----------------|---------|---------|---------|---------|---------|---------|----------|-----------|
| No. of doctors | 28 | 48 | 40 | 31 | 33 | 14 | 36 | 22 |

(v)

| Age (in years) | 32 - 42 | 43 - 53 | 54 - 64 | 65 - 75 | 76 - 86 | 87 - 97 | 98 - 108 | 109 - 119 |
|----------------|---------|---------|---------|---------|---------|---------|----------|-----------|
| No. of doctors | 28 | 48 | 40 | 31 | 35 | 14 | 36 | 22 |

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.

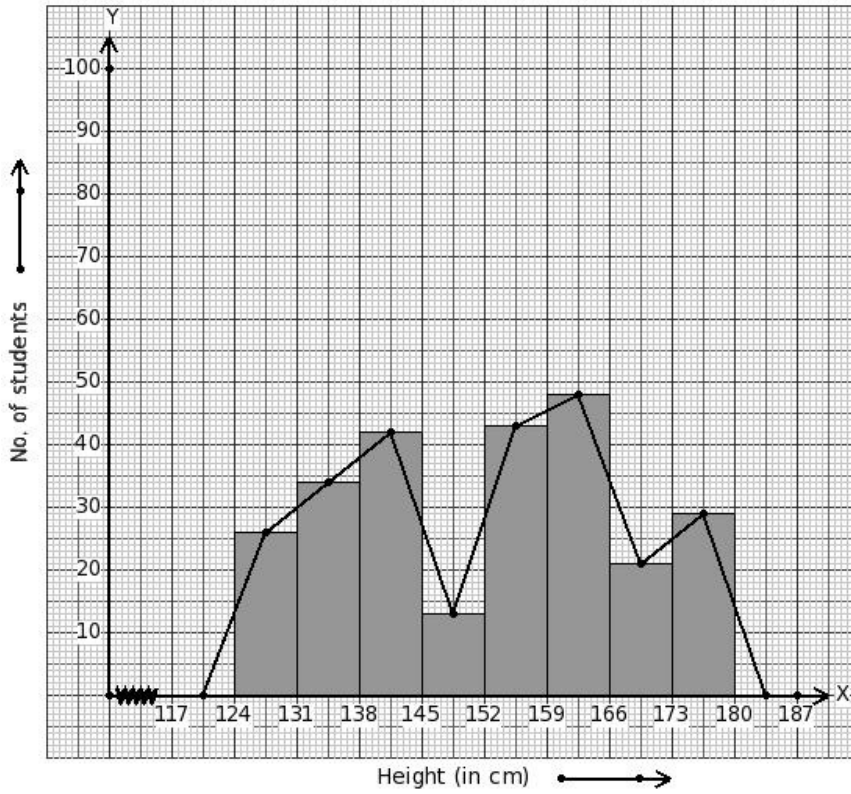


| | | | | | | |
|-----|---|-----------|-----------|-----------|-----------|-----------|
| (i) | Cost of living index (in rupees) | 163 - 173 | 174 - 184 | 185 - 195 | 196 - 206 | 207 - 217 |
| | No. of weeks | 8 | 5 | 5 | 8 | 5 |

| | | | | | | |
|------|---|-----------|-----------|-----------|-----------|-----------|
| (ii) | Cost of living index (in rupees) | 163 - 173 | 174 - 184 | 185 - 195 | 196 - 206 | 207 - 217 |
| | No. of weeks | 8 | 1 | 5 | 8 | 5 |

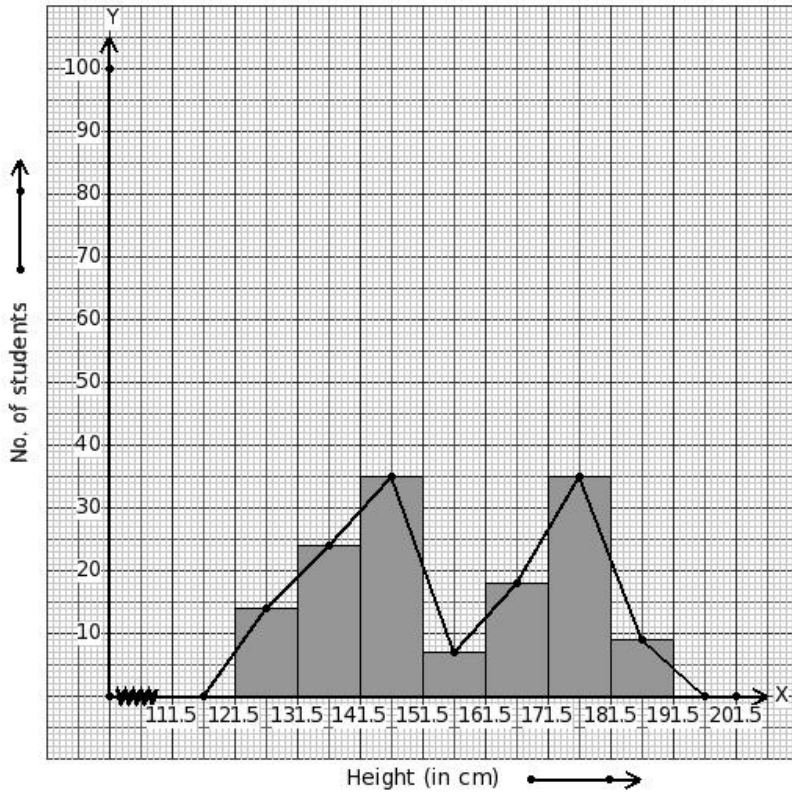
| | | | | | | |
|-------|---|-----------|-----------|-----------|-----------|-----------|
| (iii) | Cost of living index (in rupees) | 163 - 173 | 174 - 184 | 185 - 195 | 196 - 206 | 207 - 217 |
| | No. of weeks | 8 | 5 | 2 | 8 | 5 |

7. Heights of 256 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 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| No. of students | 26 | 29 | 42 | 13 | 43 | 48 | 21 | 34 |
- (ii)
- | | | | | | | | | |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Height (in cm) | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| No. of students | 26 | 34 | 42 | 13 | 46 | 48 | 21 | 29 |
- (iii)
- | | | | | | | | | |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Height (in cm) | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| No. of students | 26 | 34 | 42 | 13 | 43 | 48 | 21 | 29 |
- (iv)
- | | | | | | | | | |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Height (in cm) | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| No. of students | 26 | 34 | 13 | 42 | 43 | 48 | 21 | 29 |
- (v)
- | | | | | | | | | |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Height (in cm) | 124 - 131 | 131 - 138 | 138 - 145 | 145 - 152 | 152 - 159 | 159 - 166 | 166 - 173 | 173 - 180 |
| No. of students | 26 | 34 | 37 | 13 | 43 | 48 | 21 | 29 |

8. Heights of 142 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) | 122 - 131 | 132 - 141 | 142 - 151 | 152 - 161 | 162 - 171 | 172 - 181 | 182 - 191 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 14 | 24 | 35 | 7 | 18 | 35 | 9 |
- (ii)

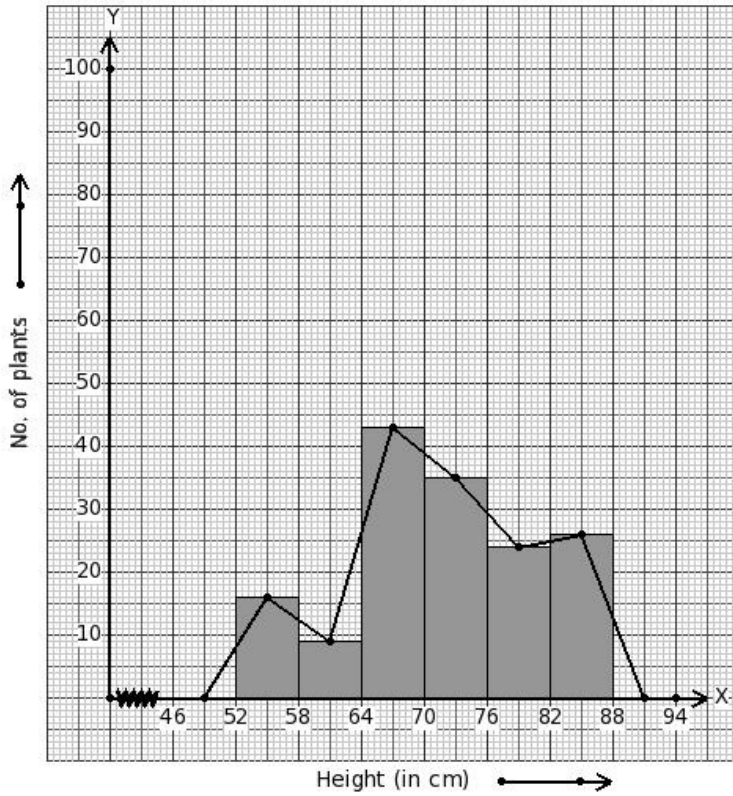
| Height (in cm) | 122 - 131 | 132 - 141 | 142 - 151 | 152 - 161 | 162 - 171 | 172 - 181 | 182 - 191 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 14 | 9 | 35 | 7 | 18 | 35 | 24 |
- (iii)

| Height (in cm) | 122 - 131 | 132 - 141 | 142 - 151 | 152 - 161 | 162 - 171 | 172 - 181 | 182 - 191 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 14 | 24 | 35 | 9 | 18 | 35 | 9 |
- (iv)

| Height (in cm) | 122 - 131 | 132 - 141 | 142 - 151 | 152 - 161 | 162 - 171 | 172 - 181 | 182 - 191 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 14 | 35 | 24 | 7 | 18 | 35 | 9 |
- (v)

| Height (in cm) | 122 - 131 | 132 - 141 | 142 - 151 | 152 - 161 | 162 - 171 | 172 - 181 | 182 - 191 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 14 | 24 | 32 | 7 | 18 | 35 | 9 |

9. Heights of 153 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) | 52 - 58 | 58 - 64 | 64 - 70 | 70 - 76 | 76 - 82 | 82 - 88 |
| No. of plants | 16 | 9 | 45 | 35 | 24 | 26 |

(ii)

| | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Height (in cm) | 52 - 58 | 58 - 64 | 64 - 70 | 70 - 76 | 76 - 82 | 82 - 88 |
| No. of plants | 16 | 9 | 43 | 35 | 24 | 26 |

(iii)

| | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Height (in cm) | 52 - 58 | 58 - 64 | 64 - 70 | 70 - 76 | 76 - 82 | 82 - 88 |
| No. of plants | 16 | 43 | 9 | 35 | 24 | 26 |

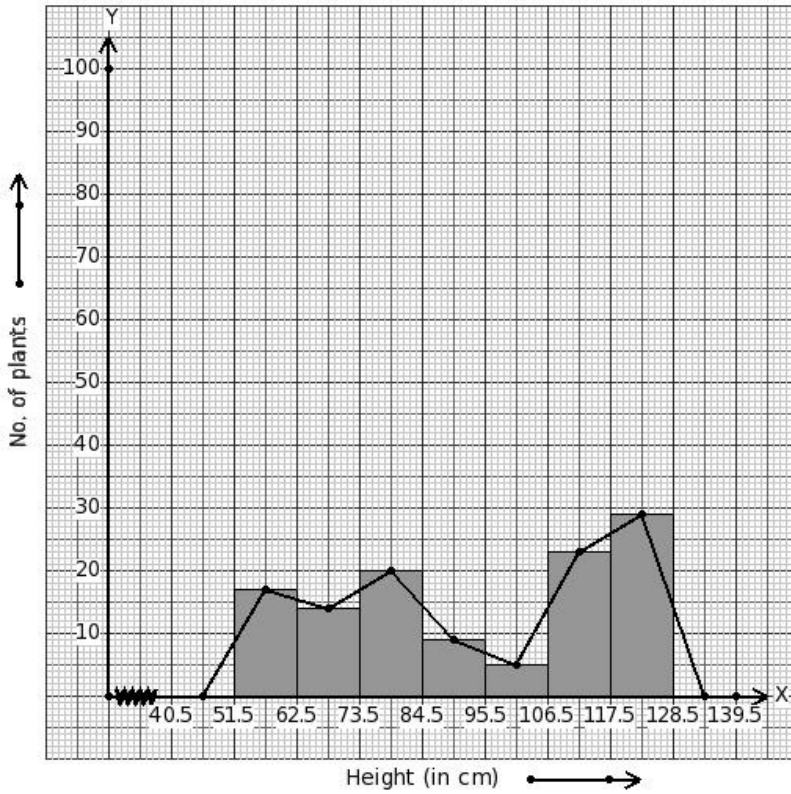
(iv)

| | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Height (in cm) | 52 - 58 | 58 - 64 | 64 - 70 | 70 - 76 | 76 - 82 | 82 - 88 |
| No. of plants | 16 | 9 | 43 | 38 | 24 | 26 |

(v)

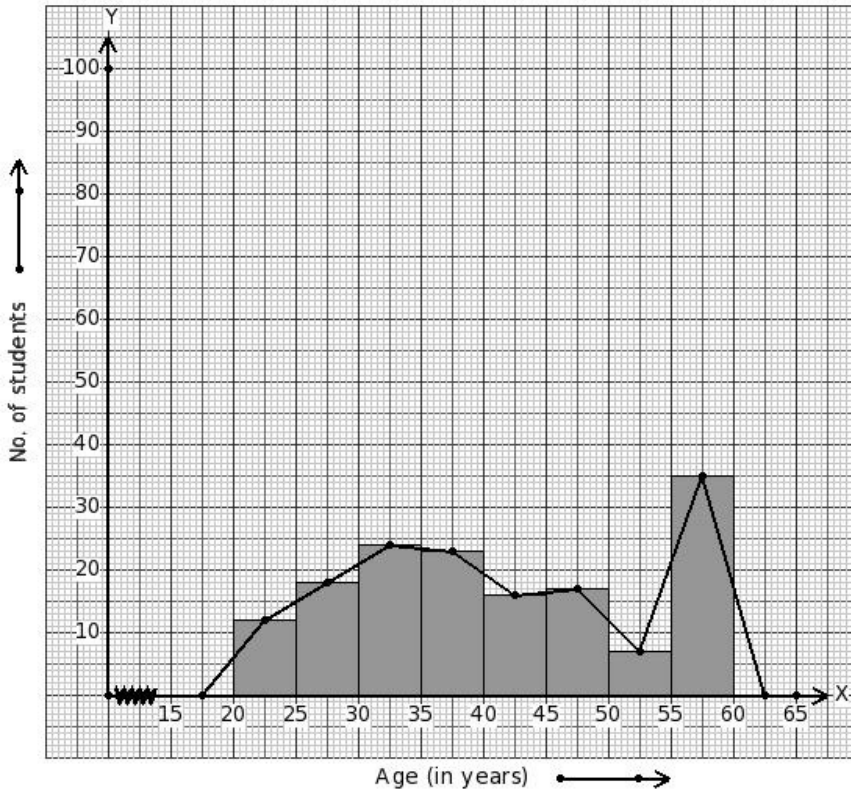
| | | | | | | |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Height (in cm) | 52 - 58 | 58 - 64 | 64 - 70 | 70 - 76 | 76 - 82 | 82 - 88 |
| No. of plants | 16 | 26 | 43 | 35 | 24 | 9 |

10. Heights of 117 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) | 52 - 62 | 63 - 73 | 74 - 84 | 85 - 95 | 96 - 106 | 107 - 117 | 118 - 128 |
| No. of plants | 17 | 29 | 20 | 9 | 5 | 23 | 14 |
- (ii)
- | | | | | | | | |
|-----------------------|---------|---------|---------|---------|----------|-----------|-----------|
| Height (in cm) | 52 - 62 | 63 - 73 | 74 - 84 | 85 - 95 | 96 - 106 | 107 - 117 | 118 - 128 |
| No. of plants | 17 | 14 | 16 | 9 | 5 | 23 | 29 |
- (iii)
- | | | | | | | | |
|-----------------------|---------|---------|---------|---------|----------|-----------|-----------|
| Height (in cm) | 52 - 62 | 63 - 73 | 74 - 84 | 85 - 95 | 96 - 106 | 107 - 117 | 118 - 128 |
| No. of plants | 17 | 14 | 20 | 11 | 5 | 23 | 29 |
- (iv)
- | | | | | | | | |
|-----------------------|---------|---------|---------|---------|----------|-----------|-----------|
| Height (in cm) | 52 - 62 | 63 - 73 | 74 - 84 | 85 - 95 | 96 - 106 | 107 - 117 | 118 - 128 |
| No. of plants | 17 | 14 | 20 | 9 | 5 | 23 | 29 |
- (v)
- | | | | | | | | |
|-----------------------|---------|---------|---------|---------|----------|-----------|-----------|
| Height (in cm) | 52 - 62 | 63 - 73 | 74 - 84 | 85 - 95 | 96 - 106 | 107 - 117 | 118 - 128 |
| No. of plants | 17 | 20 | 14 | 9 | 5 | 23 | 29 |

11. Ages of 152 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) | 20 - 25 | 25 - 30 | 30 - 35 | 35 - 40 | 40 - 45 | 45 - 50 | 50 - 55 | 55 - 60 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 18 | 26 | 23 | 16 | 17 | 7 | 35 |

(ii)

| Age (in years) | 20 - 25 | 25 - 30 | 30 - 35 | 35 - 40 | 40 - 45 | 45 - 50 | 50 - 55 | 55 - 60 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 18 | 23 | 24 | 16 | 17 | 7 | 35 |

(iii)

| Age (in years) | 20 - 25 | 25 - 30 | 30 - 35 | 35 - 40 | 40 - 45 | 45 - 50 | 50 - 55 | 55 - 60 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 18 | 24 | 23 | 20 | 17 | 7 | 35 |

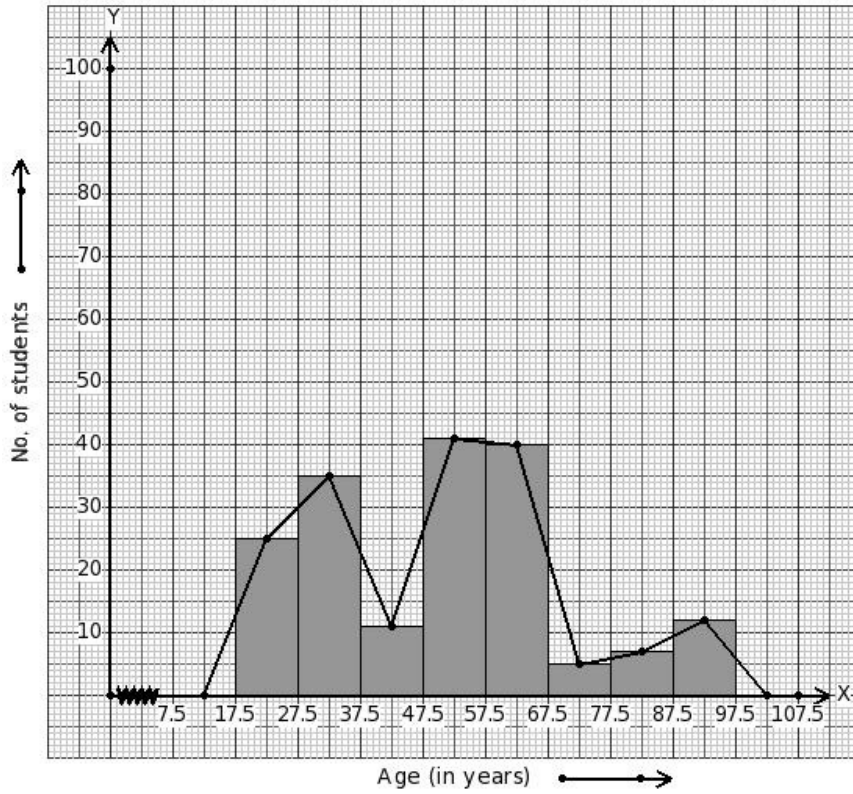
(iv)

| Age (in years) | 20 - 25 | 25 - 30 | 30 - 35 | 35 - 40 | 40 - 45 | 45 - 50 | 50 - 55 | 55 - 60 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 18 | 24 | 23 | 16 | 17 | 7 | 35 |

(v)

| Age (in years) | 20 - 25 | 25 - 30 | 30 - 35 | 35 - 40 | 40 - 45 | 45 - 50 | 50 - 55 | 55 - 60 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 35 | 24 | 23 | 16 | 17 | 7 | 18 |

12. Ages of 176 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) | 18 - 27 | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 | 78 - 87 | 88 - 97 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 25 | 35 | 11 | 41 | 44 | 5 | 7 | 12 |

(ii)

| Age (in years) | 18 - 27 | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 | 78 - 87 | 88 - 97 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 25 | 35 | 41 | 11 | 40 | 5 | 7 | 12 |

(iii)

| Age (in years) | 18 - 27 | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 | 78 - 87 | 88 - 97 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 25 | 12 | 11 | 41 | 40 | 5 | 7 | 35 |

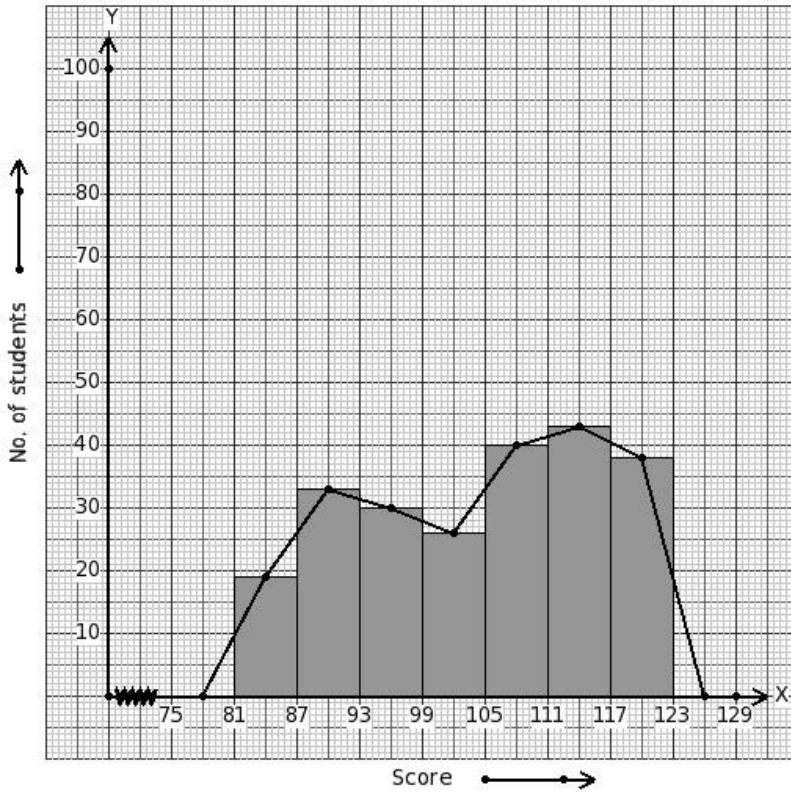
(iv)

| Age (in years) | 18 - 27 | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 | 78 - 87 | 88 - 97 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 25 | 35 | 14 | 41 | 40 | 5 | 7 | 12 |

(v)

| Age (in years) | 18 - 27 | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 | 78 - 87 | 88 - 97 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 25 | 35 | 11 | 41 | 40 | 5 | 7 | 12 |

13. Scores of 229 students are given below.
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

| Score | 81 - 87 | 87 - 93 | 93 - 99 | 99 - 105 | 105 - 111 | 111 - 117 | 117 - 123 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 19 | 30 | 33 | 26 | 40 | 43 | 38 |

(ii)

| Score | 81 - 87 | 87 - 93 | 93 - 99 | 99 - 105 | 105 - 111 | 111 - 117 | 117 - 123 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 19 | 38 | 30 | 26 | 40 | 43 | 33 |

(iii)

| Score | 81 - 87 | 87 - 93 | 93 - 99 | 99 - 105 | 105 - 111 | 111 - 117 | 117 - 123 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 19 | 33 | 35 | 26 | 40 | 43 | 38 |

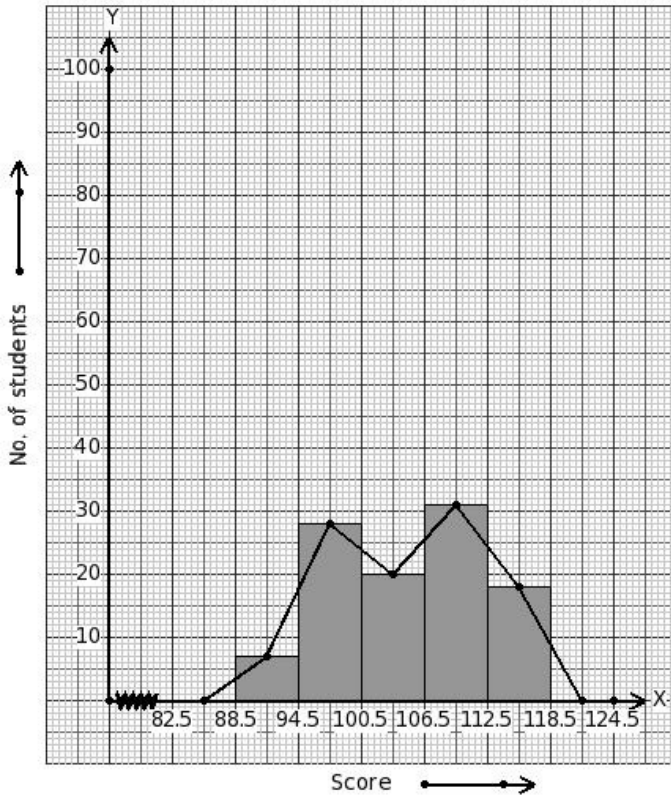
(iv)

| Score | 81 - 87 | 87 - 93 | 93 - 99 | 99 - 105 | 105 - 111 | 111 - 117 | 117 - 123 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 19 | 33 | 30 | 26 | 40 | 43 | 38 |

(v)

| Score | 81 - 87 | 87 - 93 | 93 - 99 | 99 - 105 | 105 - 111 | 111 - 117 | 117 - 123 |
|-----------------|---------|---------|---------|----------|-----------|-----------|-----------|
| No. of students | 19 | 33 | 30 | 23 | 40 | 43 | 38 |

14. Scores of 104 students are given below.
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

| Score | 89 - 94 | 95 - 100 | 101 - 106 | 107 - 112 | 113 - 118 |
|-----------------|---------|----------|-----------|-----------|-----------|
| No. of students | 7 | 23 | 20 | 31 | 18 |

(ii)

| Score | 89 - 94 | 95 - 100 | 101 - 106 | 107 - 112 | 113 - 118 |
|-----------------|---------|----------|-----------|-----------|-----------|
| No. of students | 7 | 18 | 20 | 31 | 28 |

(iii)

| Score | 89 - 94 | 95 - 100 | 101 - 106 | 107 - 112 | 113 - 118 |
|-----------------|---------|----------|-----------|-----------|-----------|
| No. of students | 7 | 28 | 20 | 31 | 18 |

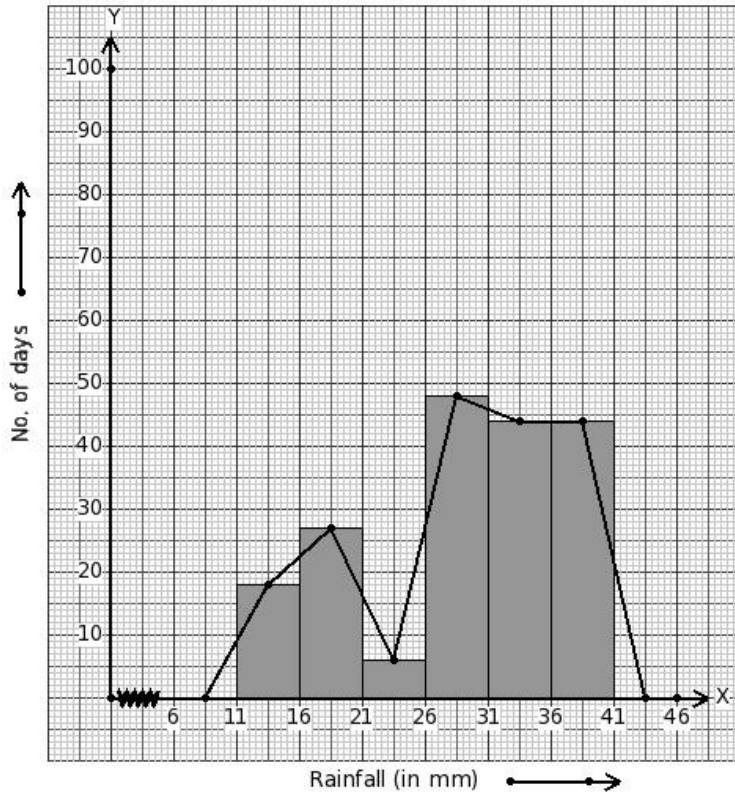
(iv)

| Score | 89 - 94 | 95 - 100 | 101 - 106 | 107 - 112 | 113 - 118 |
|-----------------|---------|----------|-----------|-----------|-----------|
| No. of students | 7 | 20 | 28 | 31 | 18 |

(v)

| Score | 89 - 94 | 95 - 100 | 101 - 106 | 107 - 112 | 113 - 118 |
|-----------------|---------|----------|-----------|-----------|-----------|
| No. of students | 7 | 28 | 23 | 31 | 18 |

15. Rainfall of 187 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) | 11 - 16 | 16 - 21 | 21 - 26 | 26 - 31 | 31 - 36 | 36 - 41 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 27 | 6 | 53 | 44 | 44 |

(ii)

| Rainfall (in mm) | 11 - 16 | 16 - 21 | 21 - 26 | 26 - 31 | 31 - 36 | 36 - 41 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 6 | 27 | 48 | 44 | 44 |

(iii)

| Rainfall (in mm) | 11 - 16 | 16 - 21 | 21 - 26 | 26 - 31 | 31 - 36 | 36 - 41 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 27 | 10 | 48 | 44 | 44 |

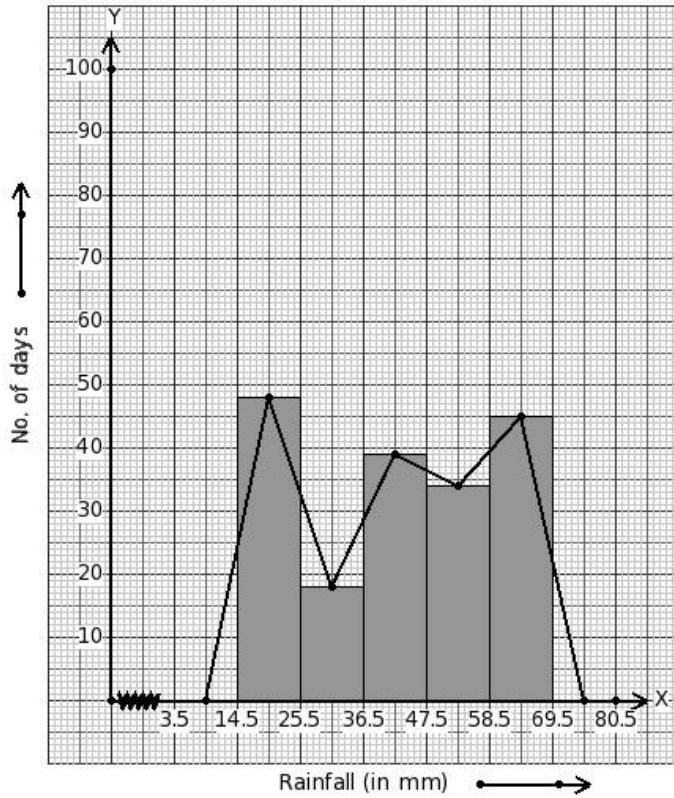
(iv)

| Rainfall (in mm) | 11 - 16 | 16 - 21 | 21 - 26 | 26 - 31 | 31 - 36 | 36 - 41 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 27 | 6 | 48 | 44 | 44 |

(v)

| Rainfall (in mm) | 11 - 16 | 16 - 21 | 21 - 26 | 26 - 31 | 31 - 36 | 36 - 41 |
|------------------|---------|---------|---------|---------|---------|---------|
| No. of days | 18 | 44 | 6 | 48 | 44 | 27 |

16. Rainfall of 184 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) | 15 - 25 | 26 - 36 | 37 - 47 | 48 - 58 | 59 - 69 |
|------------------|---------|---------|---------|---------|---------|
| No. of days | 48 | 45 | 39 | 34 | 18 |

(ii)

| Rainfall (in mm) | 15 - 25 | 26 - 36 | 37 - 47 | 48 - 58 | 59 - 69 |
|------------------|---------|---------|---------|---------|---------|
| No. of days | 48 | 39 | 18 | 34 | 45 |

(iii)

| Rainfall (in mm) | 15 - 25 | 26 - 36 | 37 - 47 | 48 - 58 | 59 - 69 |
|------------------|---------|---------|---------|---------|---------|
| No. of days | 48 | 18 | 34 | 34 | 45 |

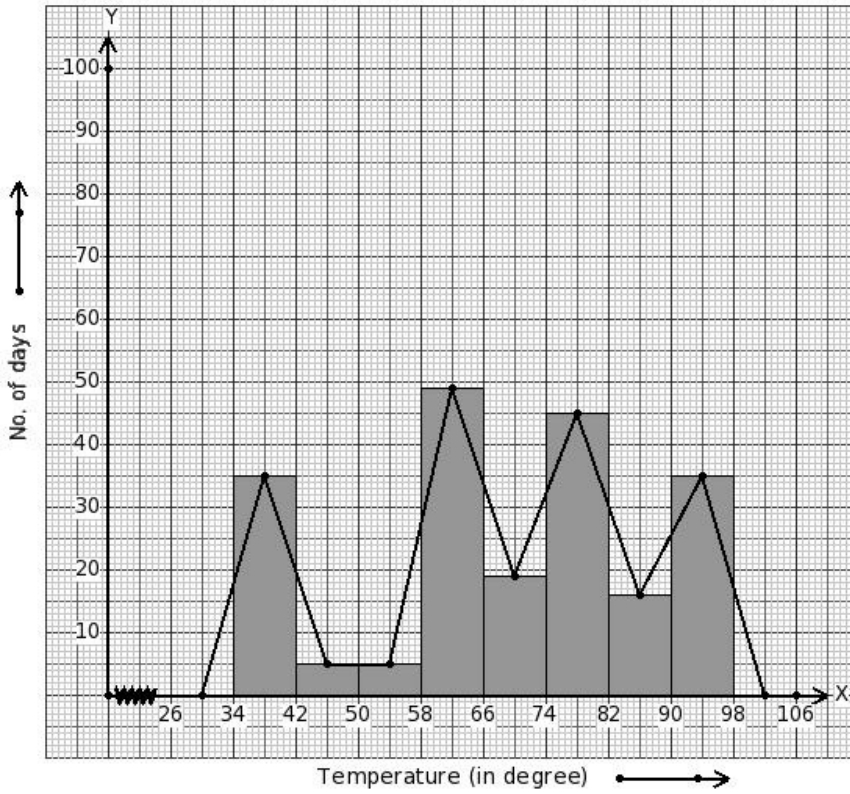
(iv)

| Rainfall (in mm) | 15 - 25 | 26 - 36 | 37 - 47 | 48 - 58 | 59 - 69 |
|------------------|---------|---------|---------|---------|---------|
| No. of days | 48 | 20 | 39 | 34 | 45 |

(v)

| Rainfall (in mm) | 15 - 25 | 26 - 36 | 37 - 47 | 48 - 58 | 59 - 69 |
|------------------|---------|---------|---------|---------|---------|
| No. of days | 48 | 18 | 39 | 34 | 45 |

17. Temperatures of 209 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) | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 | 74 - 82 | 82 - 90 | 90 - 98 |
| No. of days | 35 | 5 | 5 | 49 | 22 | 45 | 16 | 35 |

(ii)

| | | | | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 | 74 - 82 | 82 - 90 | 90 - 98 |
| No. of days | 35 | 35 | 5 | 49 | 19 | 45 | 16 | 5 |

(iii)

| | | | | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 | 74 - 82 | 82 - 90 | 90 - 98 |
| No. of days | 35 | 5 | 49 | 5 | 19 | 45 | 16 | 35 |

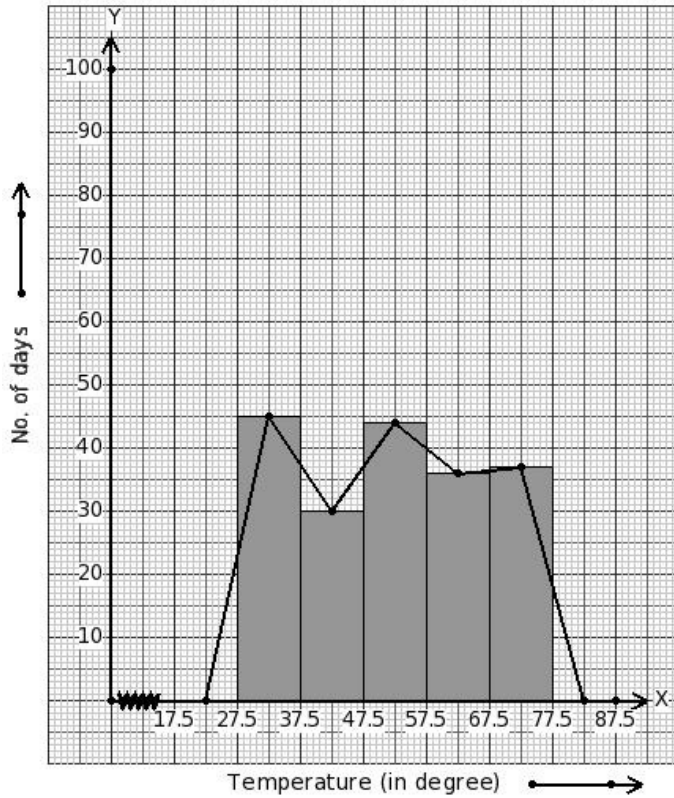
(iv)

| | | | | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 | 74 - 82 | 82 - 90 | 90 - 98 |
| No. of days | 35 | 5 | 5 | 49 | 19 | 45 | 16 | 35 |

(v)

| | | | | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 34 - 42 | 42 - 50 | 50 - 58 | 58 - 66 | 66 - 74 | 74 - 82 | 82 - 90 | 90 - 98 |
| No. of days | 35 | 5 | 3 | 49 | 19 | 45 | 16 | 35 |

18. Temperatures of 192 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) | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 |
| No. of days | 45 | 37 | 44 | 36 | 30 |
- (ii)

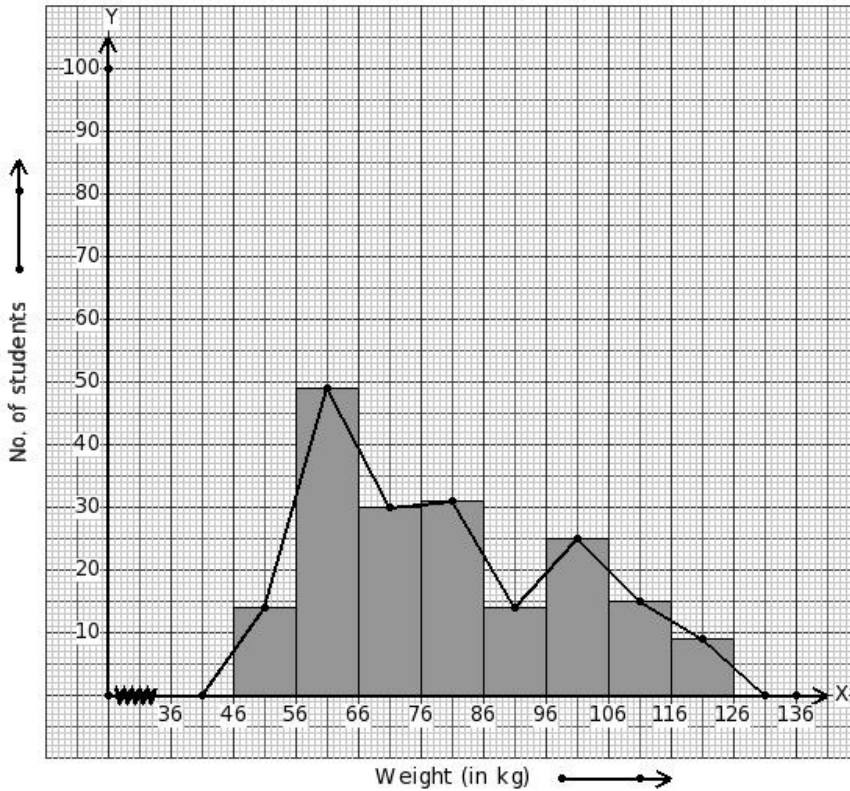
| | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 |
| No. of days | 45 | 30 | 47 | 36 | 37 |
- (iii)

| | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 |
| No. of days | 45 | 33 | 44 | 36 | 37 |
- (iv)

| | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 |
| No. of days | 45 | 44 | 30 | 36 | 37 |
- (v)

| | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|
| Temperature (in degree) | 28 - 37 | 38 - 47 | 48 - 57 | 58 - 67 | 68 - 77 |
| No. of days | 45 | 30 | 44 | 36 | 37 |

19. Weights of 187 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) | 46 - 56 | 56 - 66 | 66 - 76 | 76 - 86 | 86 - 96 | 96 - 106 | 106 - 116 | 116 - 126 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 14 | 49 | 30 | 31 | 18 | 25 | 15 | 9 |

(ii)

| Weight (in kg) | 46 - 56 | 56 - 66 | 66 - 76 | 76 - 86 | 86 - 96 | 96 - 106 | 106 - 116 | 116 - 126 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 14 | 9 | 30 | 31 | 14 | 25 | 15 | 49 |

(iii)

| Weight (in kg) | 46 - 56 | 56 - 66 | 66 - 76 | 76 - 86 | 86 - 96 | 96 - 106 | 106 - 116 | 116 - 126 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 14 | 49 | 30 | 31 | 14 | 25 | 15 | 9 |

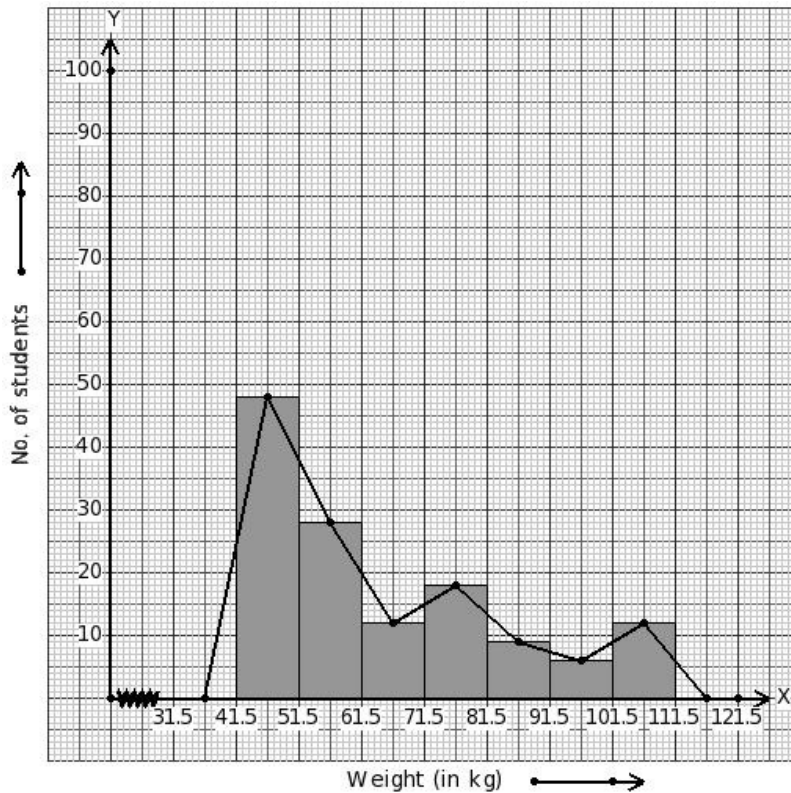
(iv)

| Weight (in kg) | 46 - 56 | 56 - 66 | 66 - 76 | 76 - 86 | 86 - 96 | 96 - 106 | 106 - 116 | 116 - 126 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 14 | 49 | 31 | 30 | 14 | 25 | 15 | 9 |

(v)

| Weight (in kg) | 46 - 56 | 56 - 66 | 66 - 76 | 76 - 86 | 86 - 96 | 96 - 106 | 106 - 116 | 116 - 126 |
|-----------------|---------|---------|---------|---------|---------|----------|-----------|-----------|
| No. of students | 14 | 49 | 34 | 31 | 14 | 25 | 15 | 9 |

20. Weights of 133 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 | 52 - 61 | 62 - 71 | 72 - 81 | 82 - 91 | 92 - 101 | 102 - 111 |
| No. of students | 48 | 12 | 12 | 18 | 9 | 6 | 28 |

(ii)

| | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|
| Weight (in kg) | 42 - 51 | 52 - 61 | 62 - 71 | 72 - 81 | 82 - 91 | 92 - 101 | 102 - 111 |
| No. of students | 48 | 28 | 12 | 22 | 9 | 6 | 12 |

(iii)

| | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|
| Weight (in kg) | 42 - 51 | 52 - 61 | 62 - 71 | 72 - 81 | 82 - 91 | 92 - 101 | 102 - 111 |
| No. of students | 48 | 28 | 12 | 18 | 9 | 6 | 12 |

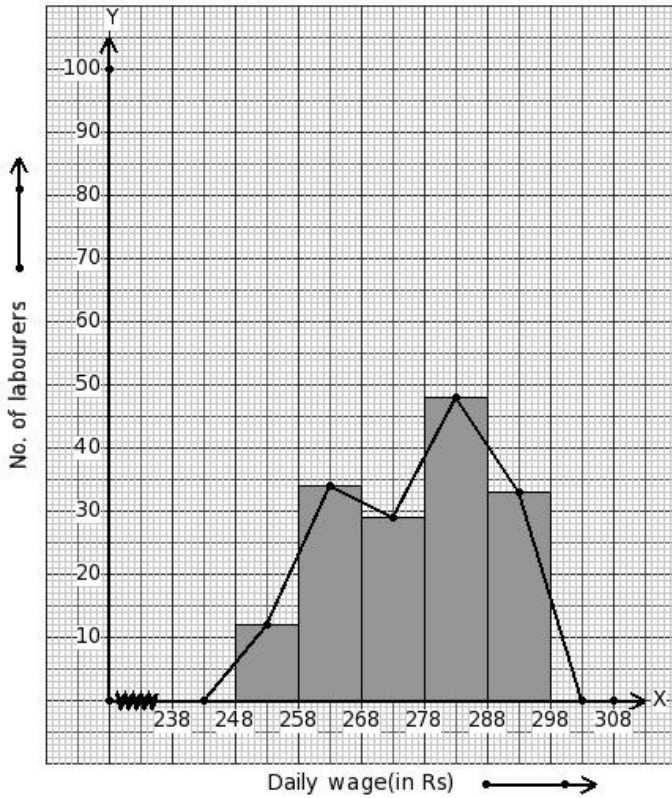
(iv)

| | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|
| Weight (in kg) | 42 - 51 | 52 - 61 | 62 - 71 | 72 - 81 | 82 - 91 | 92 - 101 | 102 - 111 |
| No. of students | 48 | 12 | 28 | 18 | 9 | 6 | 12 |

(v)

| | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|----------|-----------|
| Weight (in kg) | 42 - 51 | 52 - 61 | 62 - 71 | 72 - 81 | 82 - 91 | 92 - 101 | 102 - 111 |
| No. of students | 48 | 28 | 10 | 18 | 9 | 6 | 12 |

21. Daily wages of 156 labourers (in ₹) are given below.
Identify the class interval table for the given histogram and frequency polygon on the same graph.



(i)

| Daily wage (in Rs) | 248 - 258 | 258 - 268 | 268 - 278 | 278 - 288 | 288 - 298 |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 12 | 34 | 29 | 48 | 33 |

(ii)

| Daily wage (in Rs) | 248 - 258 | 258 - 268 | 268 - 278 | 278 - 288 | 288 - 298 |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 12 | 34 | 24 | 48 | 33 |

(iii)

| Daily wage (in Rs) | 248 - 258 | 258 - 268 | 268 - 278 | 278 - 288 | 288 - 298 |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 12 | 29 | 34 | 48 | 33 |

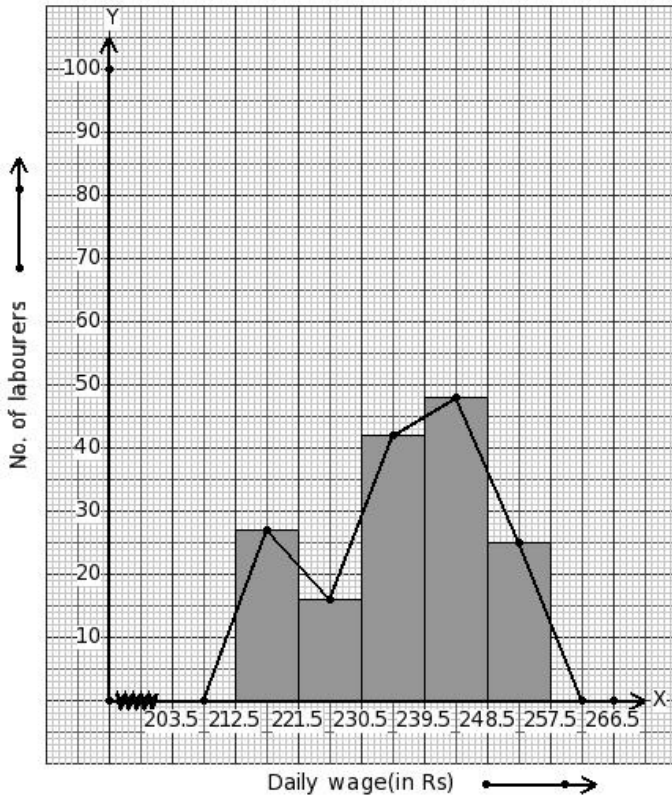
(iv)

| Daily wage (in Rs) | 248 - 258 | 258 - 268 | 268 - 278 | 278 - 288 | 288 - 298 |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 12 | 30 | 29 | 48 | 33 |

(v)

| Daily wage (in Rs) | 248 - 258 | 258 - 268 | 268 - 278 | 278 - 288 | 288 - 298 |
|--------------------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 12 | 33 | 29 | 48 | 34 |

22. Daily wages of 158 labourers (in ₹) are given below.
Identify the class interval table for the given histogram and frequency polygon on the same graph.



- (i)

| | | | | | |
|---------------------------|-----------|-----------|-----------|-----------|-----------|
| Daily wage (in Rs) | 213 - 221 | 222 - 230 | 231 - 239 | 240 - 248 | 249 - 257 |
| No. of labourers | 27 | 25 | 42 | 48 | 16 |
- (ii)

| | | | | | |
|---------------------------|-----------|-----------|-----------|-----------|-----------|
| Daily wage (in Rs) | 213 - 221 | 222 - 230 | 231 - 239 | 240 - 248 | 249 - 257 |
| No. of labourers | 27 | 42 | 16 | 48 | 25 |
- (iii)

| | | | | | |
|---------------------------|-----------|-----------|-----------|-----------|-----------|
| Daily wage (in Rs) | 213 - 221 | 222 - 230 | 231 - 239 | 240 - 248 | 249 - 257 |
| No. of labourers | 27 | 20 | 42 | 48 | 25 |
- (iv)

| | | | | | |
|---------------------------|-----------|-----------|-----------|-----------|-----------|
| Daily wage (in Rs) | 213 - 221 | 222 - 230 | 231 - 239 | 240 - 248 | 249 - 257 |
| No. of labourers | 27 | 16 | 42 | 48 | 25 |
- (v)

| | | | | | |
|---------------------------|-----------|-----------|-----------|-----------|-----------|
| Daily wage (in Rs) | 213 - 221 | 222 - 230 | 231 - 239 | 240 - 248 | 249 - 257 |
| No. of labourers | 27 | 16 | 44 | 48 | 25 |

Assignment Key

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