

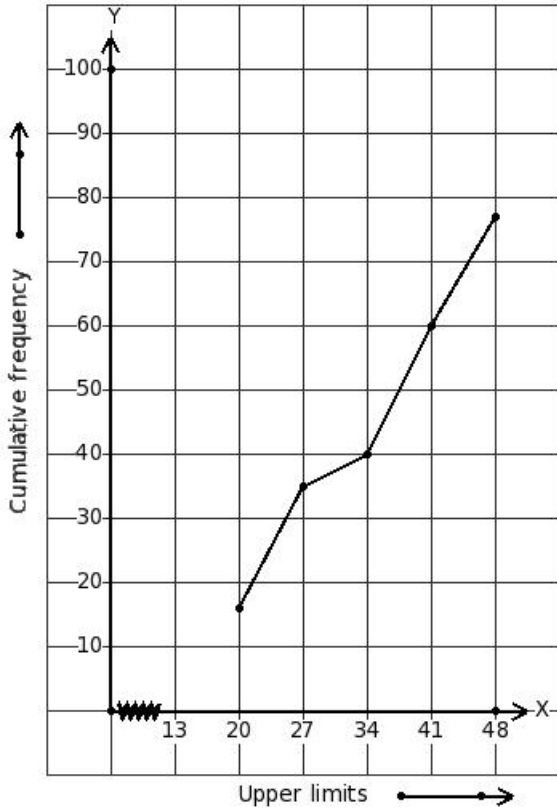
EduSahara™ Learning Center Assignment

Grade : Class X, ICSE

Chapter : Graphical Representation of Statistical Data

Name : Ogives

1. Identify the frequency distribution table for the given ogive.



(i)

Class-Interval	13 - 20	20 - 27	27 - 34	34 - 41	41 - 48
Frequency	10	15	5	12	7

(ii)

Class-Interval	13 - 20	20 - 27	27 - 34	34 - 41	41 - 48
Frequency	13	9	16	19	15

(iii)

Class-Interval	13 - 20	20 - 27	27 - 34	34 - 41	41 - 48
Frequency	8	14	16	12	14

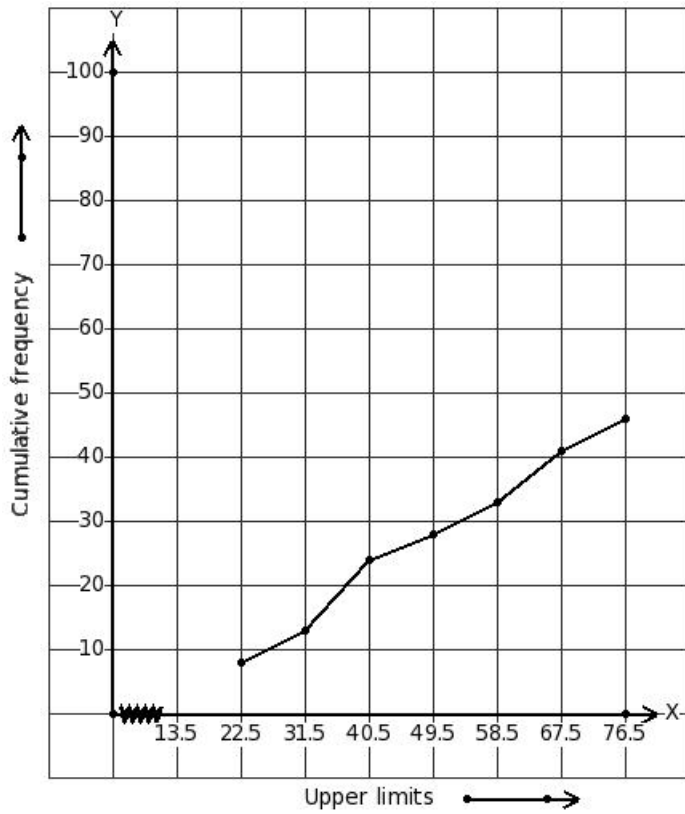
(iv)

Class-Interval	13 - 20	20 - 27	27 - 34	34 - 41	41 - 48
Frequency	14	15	3	18	17

(v)

Class-Interval	13 - 20	20 - 27	27 - 34	34 - 41	41 - 48
Frequency	16	19	5	20	17

2. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Class-Interval	14 - 22	23 - 31	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76
Frequency	16	1	8	2	20	13	10

(ii)

Class-Interval	14 - 22	23 - 31	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76
Frequency	11	18	3	17	12	12	13

(iii)

Class-Interval	14 - 22	23 - 31	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76
Frequency	9	5	7	5	16	5	18

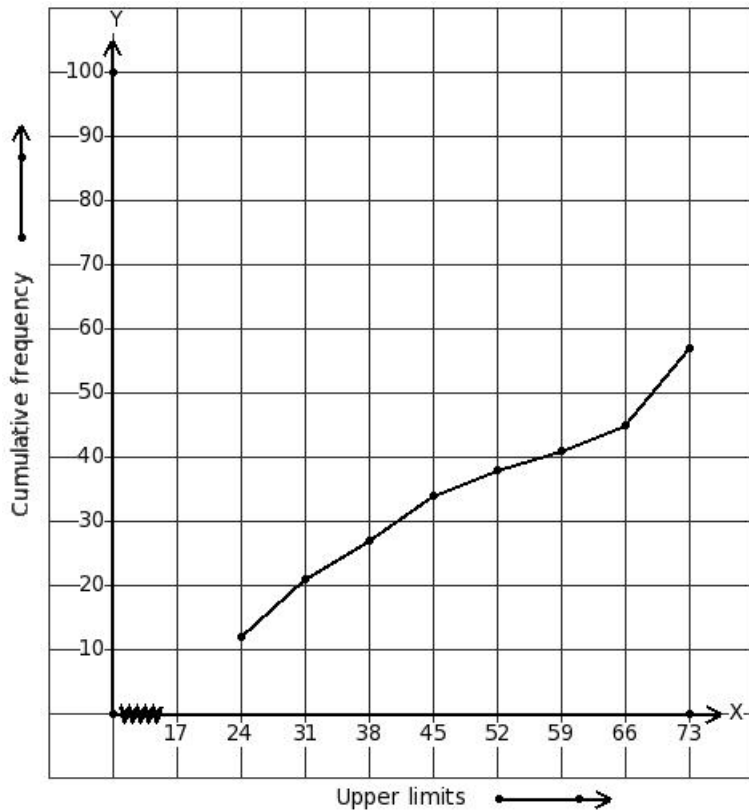
(iv)

Class-Interval	14 - 22	23 - 31	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76
Frequency	6	13	8	11	7	6	4

(v)

Class-Interval	14 - 22	23 - 31	32 - 40	41 - 49	50 - 58	59 - 67	68 - 76
Frequency	8	5	11	4	5	8	5

3. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Class-Interval	17 - 24	24 - 31	31 - 38	38 - 45	45 - 52	52 - 59	59 - 66	66 - 73
Frequency	10	14	17	13	5	10	1	5

(ii)

Class-Interval	17 - 24	24 - 31	31 - 38	38 - 45	45 - 52	52 - 59	59 - 66	66 - 73
Frequency	4	8	14	15	13	19	8	20

(iii)

Class-Interval	17 - 24	24 - 31	31 - 38	38 - 45	45 - 52	52 - 59	59 - 66	66 - 73
Frequency	18	6	9	10	16	2	1	18

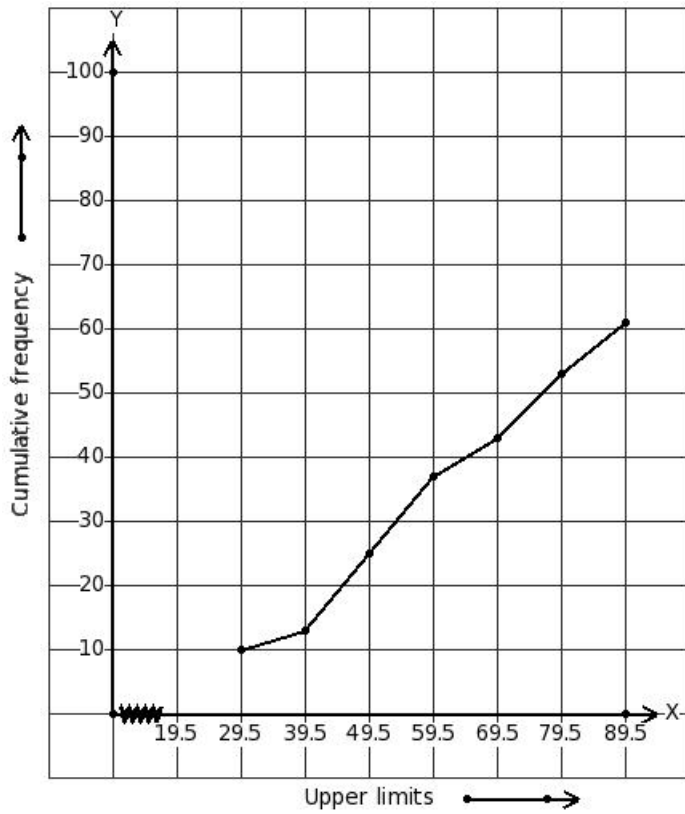
(iv)

Class-Interval	17 - 24	24 - 31	31 - 38	38 - 45	45 - 52	52 - 59	59 - 66	66 - 73
Frequency	12	9	6	7	4	3	4	12

(v)

Class-Interval	17 - 24	24 - 31	31 - 38	38 - 45	45 - 52	52 - 59	59 - 66	66 - 73
Frequency	11	1	1	2	5	10	12	3

4. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Class-Interval	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 89
Frequency	8	9	3	5	11	12	17

(ii)

Class-Interval	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 89
Frequency	1	2	4	20	1	5	5

(iii)

Class-Interval	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 89
Frequency	10	3	12	12	6	10	8

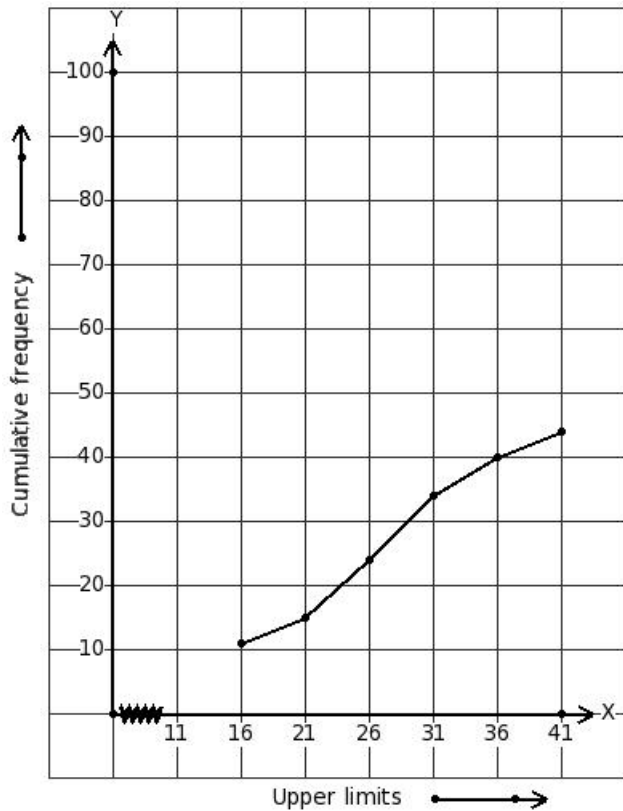
(iv)

Class-Interval	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 89
Frequency	9	10	10	10	2	14	8

(v)

Class-Interval	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 - 89
Frequency	7	14	9	15	15	9	12

5. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Class-Interval	11 - 16	16 - 21	21 - 26	26 - 31	31 - 36	36 - 41
Frequency	5	11	20	4	12	2

(ii)

Class-Interval	11 - 16	16 - 21	21 - 26	26 - 31	31 - 36	36 - 41
Frequency	11	4	9	10	6	4

(iii)

Class-Interval	11 - 16	16 - 21	21 - 26	26 - 31	31 - 36	36 - 41
Frequency	1	14	5	17	2	18

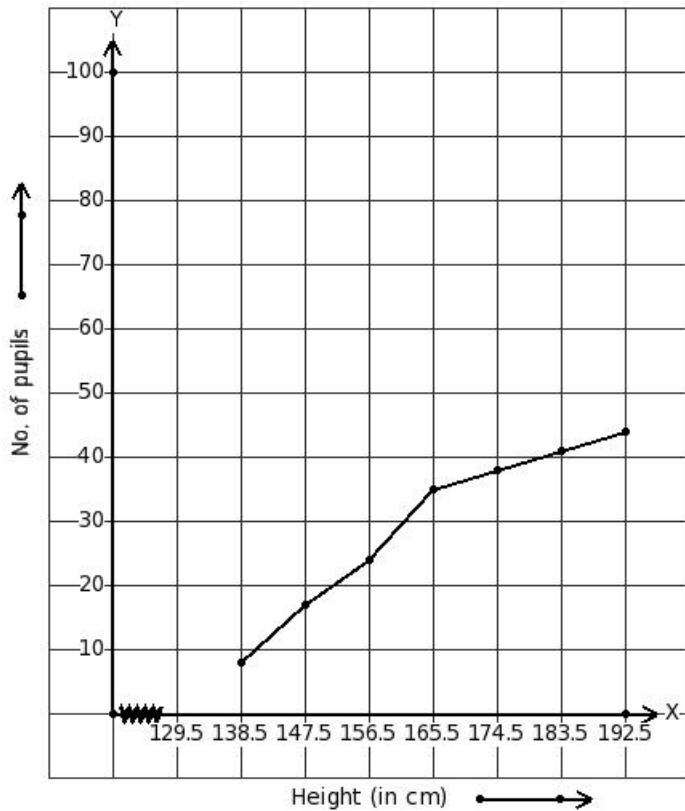
(iv)

Class-Interval	11 - 16	16 - 21	21 - 26	26 - 31	31 - 36	36 - 41
Frequency	6	3	2	11	3	16

(v)

Class-Interval	11 - 16	16 - 21	21 - 26	26 - 31	31 - 36	36 - 41
Frequency	12	15	3	13	4	4

6. The heights of 44 pupils in a school are given Identify the frequency distribution table for the less than ogive.



(i)

Height (in cm)	130 - 138	139 - 147	148 - 156	157 - 165	166 - 174	175 - 183	184 - 192
No. of pupils	8	9	7	11	3	3	3

(ii)

Height (in cm)	130 - 138	139 - 147	148 - 156	157 - 165	166 - 174	175 - 183	184 - 192
No. of pupils	8	9	7	14	3	3	3

(iii)

Height (in cm)	130 - 138	139 - 147	148 - 156	157 - 165	166 - 174	175 - 183	184 - 192
No. of pupils	8	9	2	11	3	3	3

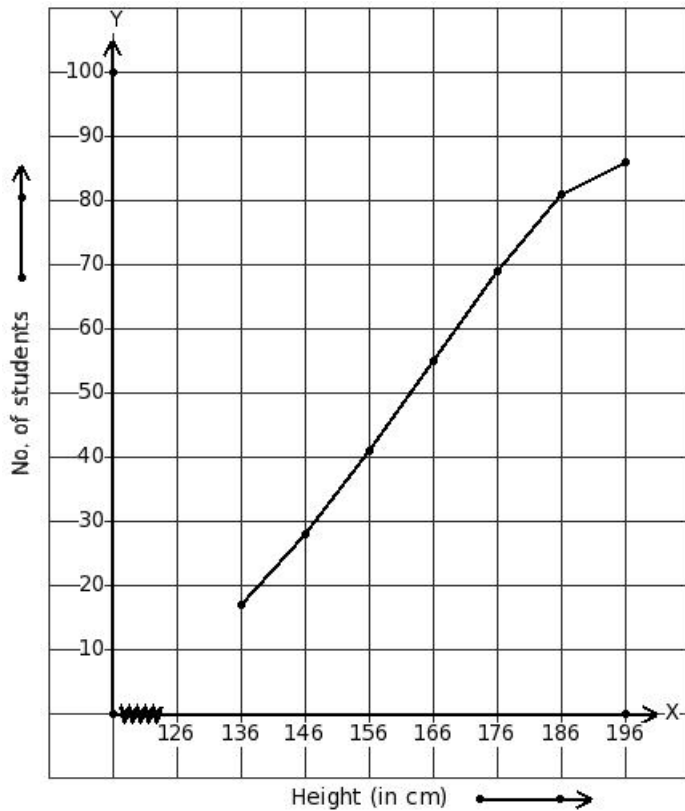
(iv)

Height (in cm)	130 - 138	139 - 147	148 - 156	157 - 165	166 - 174	175 - 183	184 - 192
No. of pupils	8	3	7	11	3	3	9

(v)

Height (in cm)	130 - 138	139 - 147	148 - 156	157 - 165	166 - 174	175 - 183	184 - 192
No. of pupils	8	7	9	11	3	3	3

7. Heights of 86 students (in cm) are given Identify the frequency distribution table for the less than ogive.
below. given ' than ogive.



(i)

Height (in cm)	126 - 136	136 - 146	146 - 156	156 - 166	166 - 176	176 - 186	186 - 196
No. of students	17	11	8	14	14	12	5

(ii)

Height (in cm)	126 - 136	136 - 146	146 - 156	156 - 166	166 - 176	176 - 186	186 - 196
No. of students	17	11	13	12	14	12	5

(iii)

Height (in cm)	126 - 136	136 - 146	146 - 156	156 - 166	166 - 176	176 - 186	186 - 196
No. of students	17	5	13	14	14	12	11

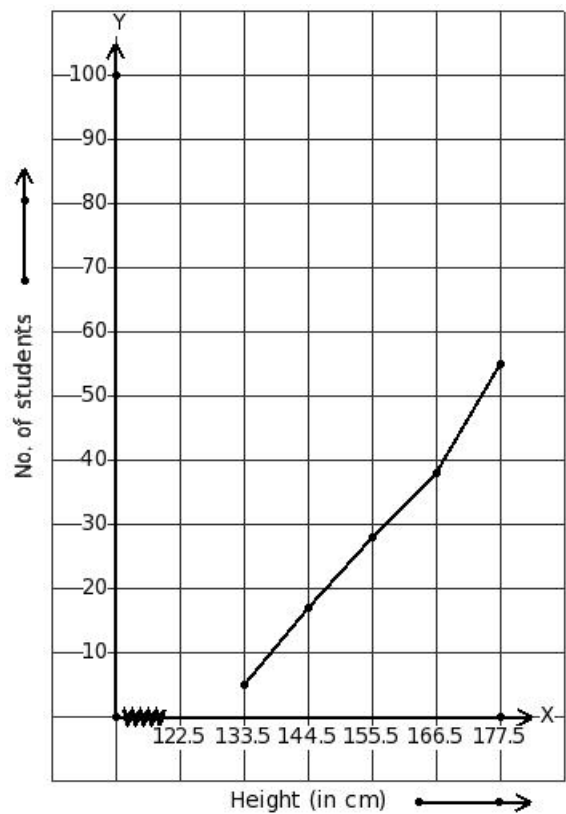
(iv)

Height (in cm)	126 - 136	136 - 146	146 - 156	156 - 166	166 - 176	176 - 186	186 - 196
No. of students	17	11	13	14	14	12	5

(v)

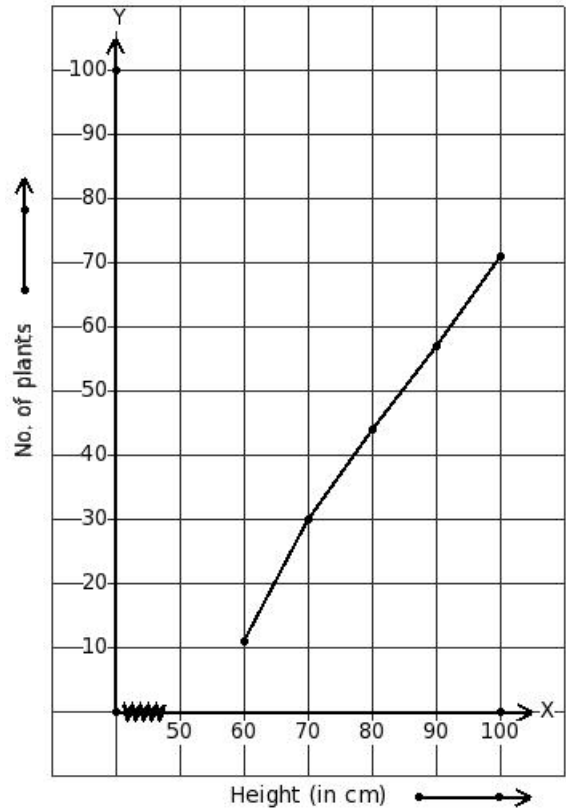
Height (in cm)	126 - 136	136 - 146	146 - 156	156 - 166	166 - 176	176 - 186	186 - 196
No. of students	17	13	11	14	14	12	5

8. Heights of 55 students (in cm) are given Identify the frequency distribution table for the less than ogive.



- (i)
- | Height (in cm) | 123 - 133 | 134 - 144 | 145 - 155 | 156 - 166 | 167 - 177 |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 5 | 17 | 11 | 10 | 12 |
- (ii)
- | Height (in cm) | 123 - 133 | 134 - 144 | 145 - 155 | 156 - 166 | 167 - 177 |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 5 | 12 | 11 | 10 | 17 |
- (iii)
- | Height (in cm) | 123 - 133 | 134 - 144 | 145 - 155 | 156 - 166 | 167 - 177 |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 5 | 15 | 11 | 10 | 17 |
- (iv)
- | Height (in cm) | 123 - 133 | 134 - 144 | 145 - 155 | 156 - 166 | 167 - 177 |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 5 | 11 | 12 | 10 | 17 |
- (v)
- | Height (in cm) | 123 - 133 | 134 - 144 | 145 - 155 | 156 - 166 | 167 - 177 |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| No. of students | 5 | 12 | 9 | 10 | 17 |

9. Heights of 71 plants (in cm) are given below. Identify the frequency distribution table for the given less than ogive.



(i)

Height (in cm)	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100
No. of plants	11	19	11	13	14

(ii)

Height (in cm)	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100
No. of plants	11	19	14	13	14

(iii)

Height (in cm)	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100
No. of plants	11	14	19	13	14

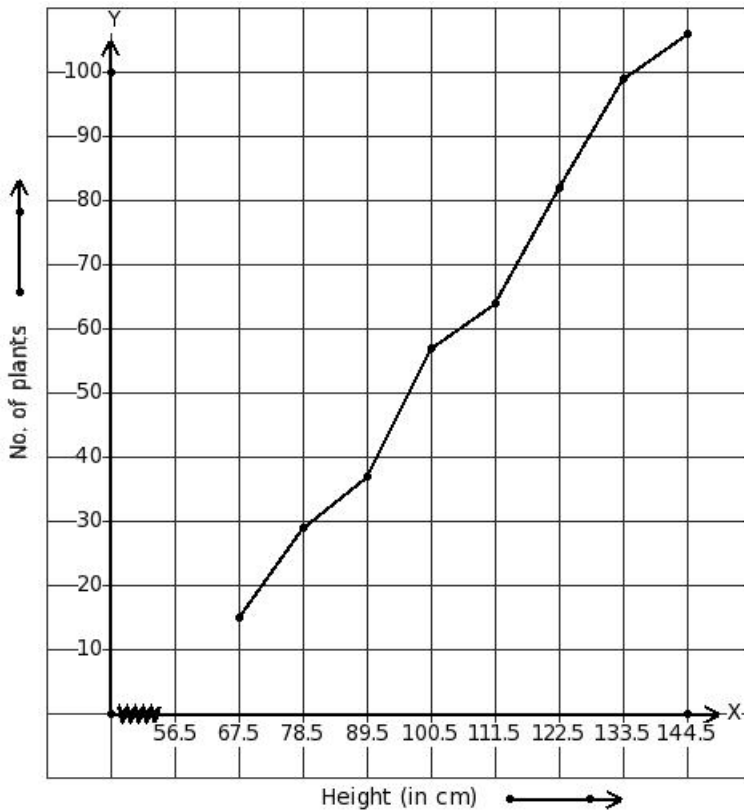
(iv)

Height (in cm)	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100
No. of plants	11	22	14	13	14

(v)

Height (in cm)	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100
No. of plants	11	14	14	13	19

10. Heights of 106 plants (in cm) are given Identify the frequency distribution table for the less than ogive.



(i)

Height (in cm)	57 - 67	68 - 78	79 - 89	90 - 100	101 - 111	112 - 122	123 - 133	134 - 144
No. of plants	15	7	8	20	7	18	17	14

(ii)

Height (in cm)	57 - 67	68 - 78	79 - 89	90 - 100	101 - 111	112 - 122	123 - 133	134 - 144
No. of plants	15	14	8	20	7	18	17	7

(iii)

Height (in cm)	57 - 67	68 - 78	79 - 89	90 - 100	101 - 111	112 - 122	123 - 133	134 - 144
No. of plants	15	14	20	8	7	18	17	7

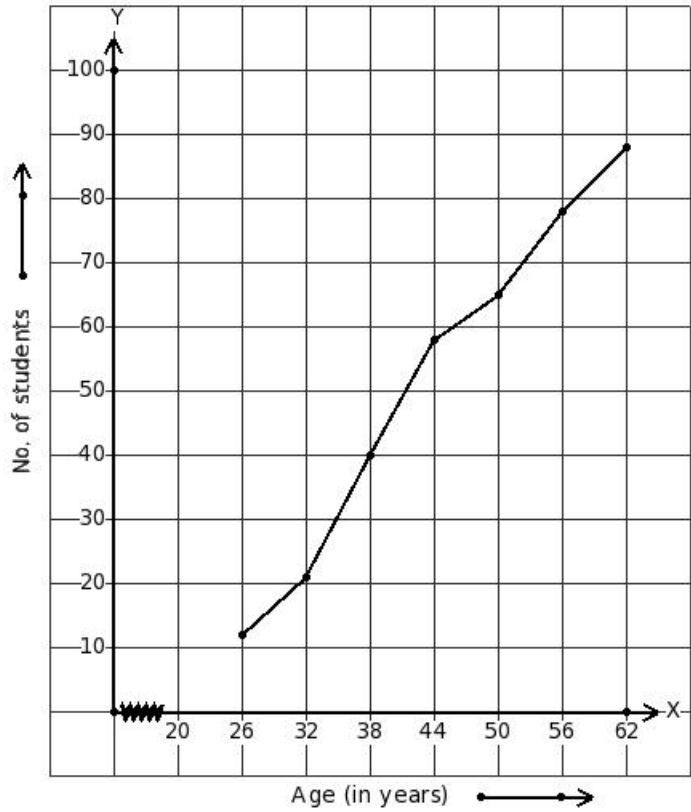
(iv)

Height (in cm)	57 - 67	68 - 78	79 - 89	90 - 100	101 - 111	112 - 122	123 - 133	134 - 144
No. of plants	15	14	8	20	3	18	17	7

(v)

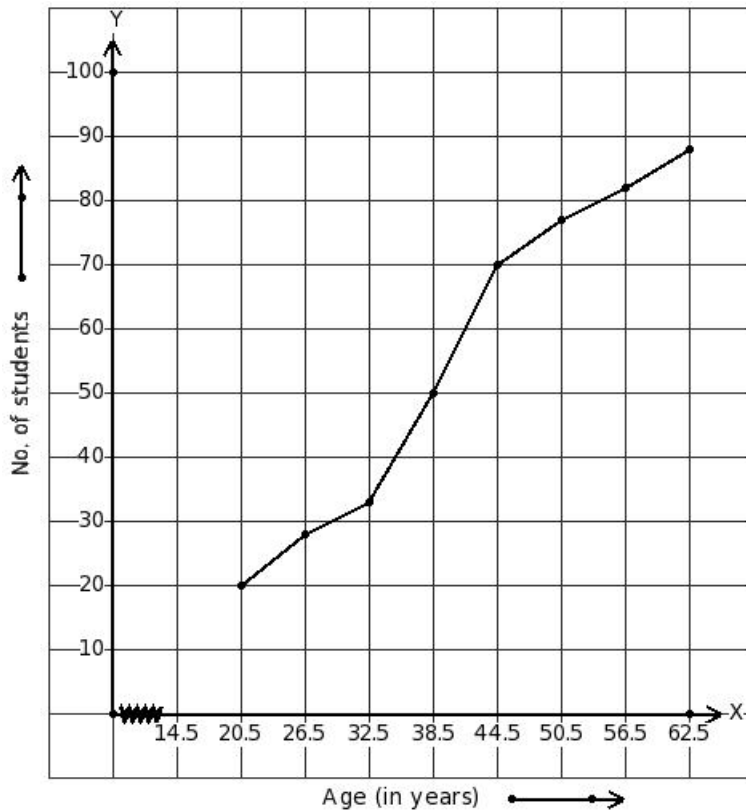
Height (in cm)	57 - 67	68 - 78	79 - 89	90 - 100	101 - 111	112 - 122	123 - 133	134 - 144
No. of plants	15	14	4	20	7	18	17	7

11. Ages of 88 students (in years) are given Identify the frequency distribution table for the less than ogive.



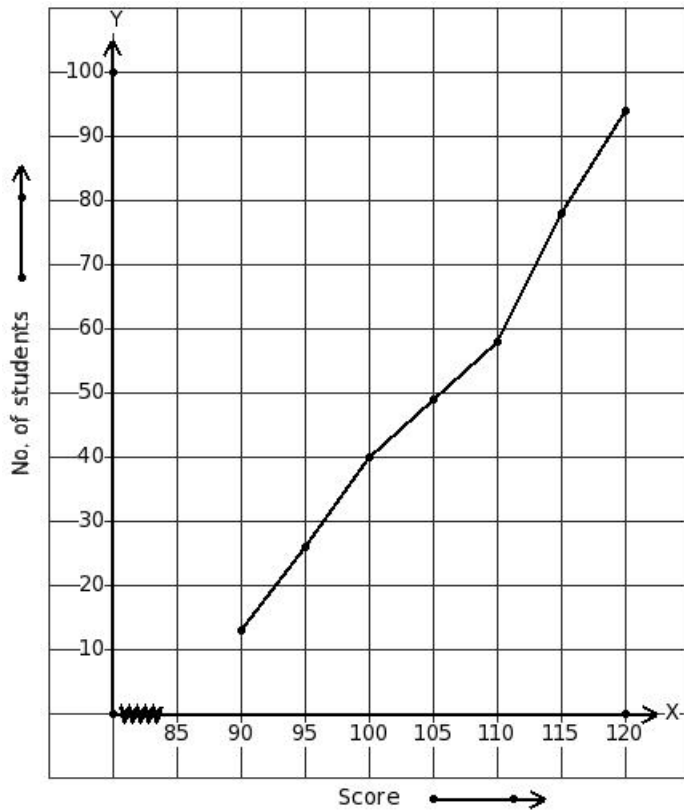
- (i)
- | Age (in years) | 20 - 26 | 26 - 32 | 32 - 38 | 38 - 44 | 44 - 50 | 50 - 56 | 56 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 9 | 19 | 14 | 7 | 13 | 10 |
- (ii)
- | Age (in years) | 20 - 26 | 26 - 32 | 32 - 38 | 38 - 44 | 44 - 50 | 50 - 56 | 56 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 19 | 9 | 18 | 7 | 13 | 10 |
- (iii)
- | Age (in years) | 20 - 26 | 26 - 32 | 32 - 38 | 38 - 44 | 44 - 50 | 50 - 56 | 56 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 9 | 23 | 18 | 7 | 13 | 10 |
- (iv)
- | Age (in years) | 20 - 26 | 26 - 32 | 32 - 38 | 38 - 44 | 44 - 50 | 50 - 56 | 56 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 10 | 19 | 18 | 7 | 13 | 9 |
- (v)
- | Age (in years) | 20 - 26 | 26 - 32 | 32 - 38 | 38 - 44 | 44 - 50 | 50 - 56 | 56 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 12 | 9 | 19 | 18 | 7 | 13 | 10 |

12. Ages of 88 students (in years) are given Identify the frequency distribution table for the less than ogive.



- (i)
- | Age (in years) | 15 - 20 | 21 - 26 | 27 - 32 | 33 - 38 | 39 - 44 | 45 - 50 | 51 - 56 | 57 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 20 | 8 | 5 | 17 | 16 | 7 | 5 | 6 |
- (ii)
- | Age (in years) | 15 - 20 | 21 - 26 | 27 - 32 | 33 - 38 | 39 - 44 | 45 - 50 | 51 - 56 | 57 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 20 | 8 | 10 | 17 | 20 | 7 | 5 | 6 |
- (iii)
- | Age (in years) | 15 - 20 | 21 - 26 | 27 - 32 | 33 - 38 | 39 - 44 | 45 - 50 | 51 - 56 | 57 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 20 | 8 | 17 | 5 | 20 | 7 | 5 | 6 |
- (iv)
- | Age (in years) | 15 - 20 | 21 - 26 | 27 - 32 | 33 - 38 | 39 - 44 | 45 - 50 | 51 - 56 | 57 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 20 | 8 | 5 | 17 | 20 | 7 | 5 | 6 |
- (v)
- | Age (in years) | 15 - 20 | 21 - 26 | 27 - 32 | 33 - 38 | 39 - 44 | 45 - 50 | 51 - 56 | 57 - 62 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| No. of students | 20 | 6 | 5 | 17 | 20 | 7 | 5 | 8 |

13. Scores of 94 students are given below. Identify the frequency distribution table for the given 'less than' ogive.



(i)

Score	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120
No. of students	13	14	13	9	9	20	16

(ii)

Score	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120
No. of students	13	13	14	9	9	20	16

(iii)

Score	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120
No. of students	13	16	14	9	9	20	13

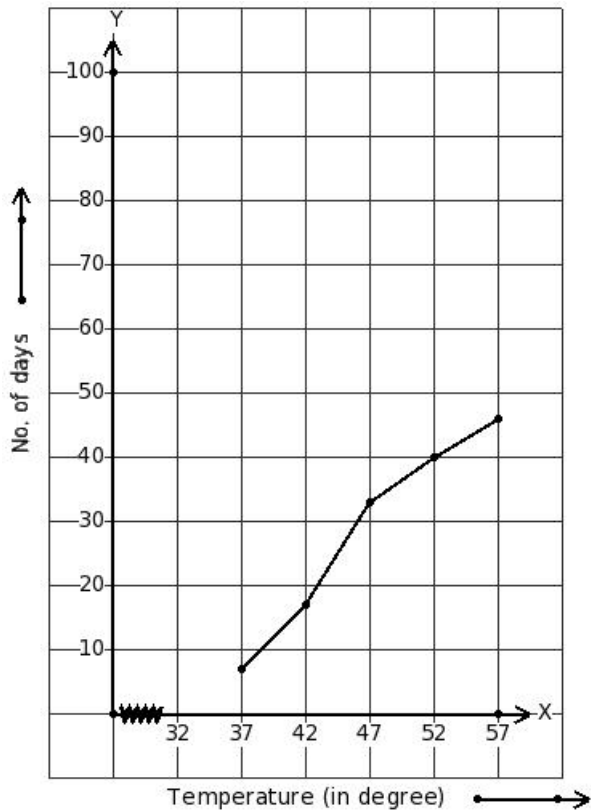
(iv)

Score	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120
No. of students	13	13	14	5	9	20	16

(v)

Score	85 - 90	90 - 95	95 - 100	100 - 105	105 - 110	110 - 115	115 - 120
No. of students	13	13	12	9	9	20	16

14. Temperatures of 46 days (in °C) are given Identify the frequency distribution table for the less than ogive.
below. given ' than ogive.



(i)

Temperature (in degree)	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of days	7	10	16	7	6

(ii)

Temperature (in degree)	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of days	7	6	16	7	10

(iii)

Temperature (in degree)	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of days	7	16	10	7	6

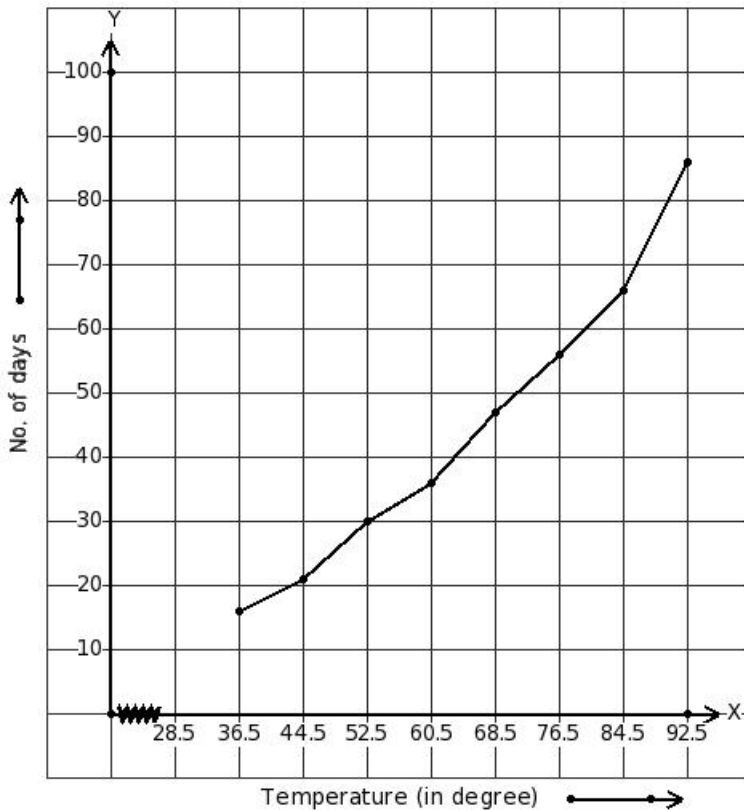
(iv)

Temperature (in degree)	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of days	7	10	11	7	6

(v)

Temperature (in degree)	32 - 37	37 - 42	42 - 47	47 - 52	52 - 57
No. of days	7	8	16	7	6

15. Temperatures of 86 days (in °C) are given Identify the frequency distribution table for the less than ogive.



(i)

Temperature (in degree)	29 - 36	37 - 44	45 - 52	53 - 60	61 - 68	69 - 76	77 - 84	85 - 92
No. of days	16	20	9	6	11	9	10	5

(ii)

Temperature (in degree)	29 - 36	37 - 44	45 - 52	53 - 60	61 - 68	69 - 76	77 - 84	85 - 92
No. of days	16	5	4	6	11	9	10	20

(iii)

Temperature (in degree)	29 - 36	37 - 44	45 - 52	53 - 60	61 - 68	69 - 76	77 - 84	85 - 92
No. of days	16	5	9	6	11	9	10	20

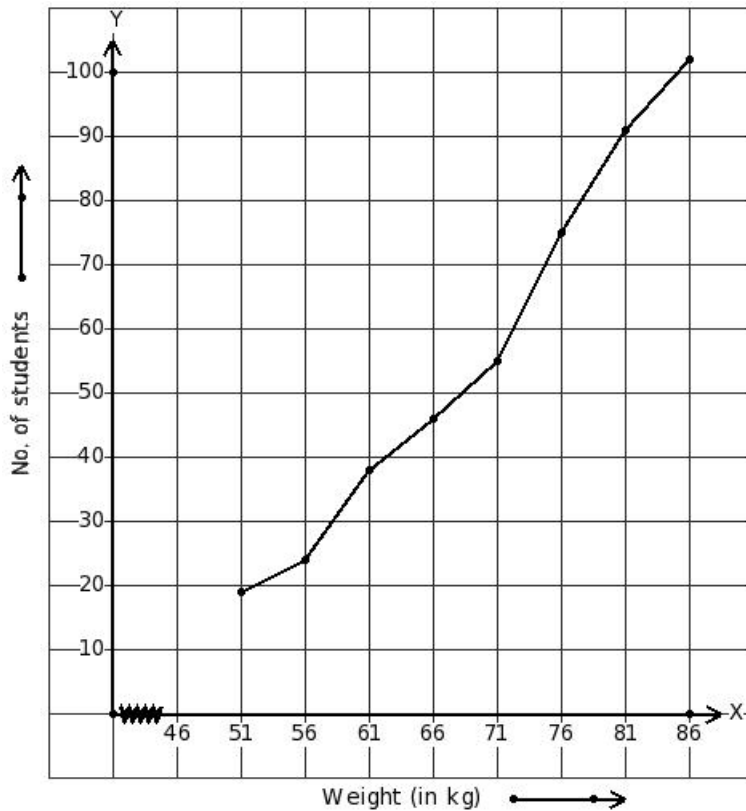
(iv)

Temperature (in degree)	29 - 36	37 - 44	45 - 52	53 - 60	61 - 68	69 - 76	77 - 84	85 - 92
No. of days	16	5	9	6	9	9	10	20

(v)

Temperature (in degree)	29 - 36	37 - 44	45 - 52	53 - 60	61 - 68	69 - 76	77 - 84	85 - 92
No. of days	16	5	6	9	11	9	10	20

16. Weights of 102 students (in kg) are given Identify the frequency distribution table for the less than ogive.



(i)

Weight (in kg)	46 - 51	51 - 56	56 - 61	61 - 66	66 - 71	71 - 76	76 - 81	81 - 86
No. of students	19	5	8	14	9	20	16	11

(ii)

Weight (in kg)	46 - 51	51 - 56	56 - 61	61 - 66	66 - 71	71 - 76	76 - 81	81 - 86
No. of students	19	5	14	8	13	20	16	11

(iii)

Weight (in kg)	46 - 51	51 - 56	56 - 61	61 - 66	66 - 71	71 - 76	76 - 81	81 - 86
No. of students	19	5	9	8	9	20	16	11

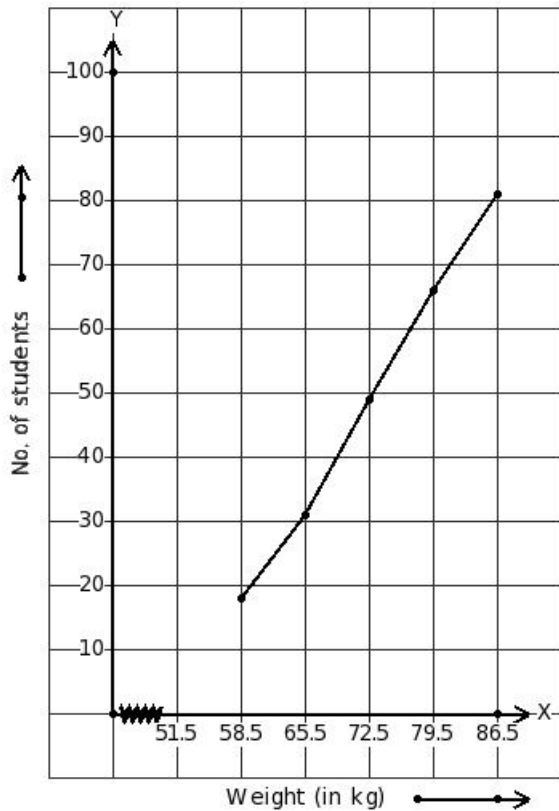
(iv)

Weight (in kg)	46 - 51	51 - 56	56 - 61	61 - 66	66 - 71	71 - 76	76 - 81	81 - 86
No. of students	19	11	14	8	9	20	16	5

(v)

Weight (in kg)	46 - 51	51 - 56	56 - 61	61 - 66	66 - 71	71 - 76	76 - 81	81 - 86
No. of students	19	5	14	8	9	20	16	11

17. Weights of 81 students (in kg) are given Identify the frequency distribution table for the less than ogive.



(i)

Weight (in kg)	52 - 58	59 - 65	66 - 72	73 - 79	80 - 86
No. of students	18	13	16	17	15

(ii)

Weight (in kg)	52 - 58	59 - 65	66 - 72	73 - 79	80 - 86
No. of students	18	13	18	17	15

(iii)

Weight (in kg)	52 - 58	59 - 65	66 - 72	73 - 79	80 - 86
No. of students	18	18	13	17	15

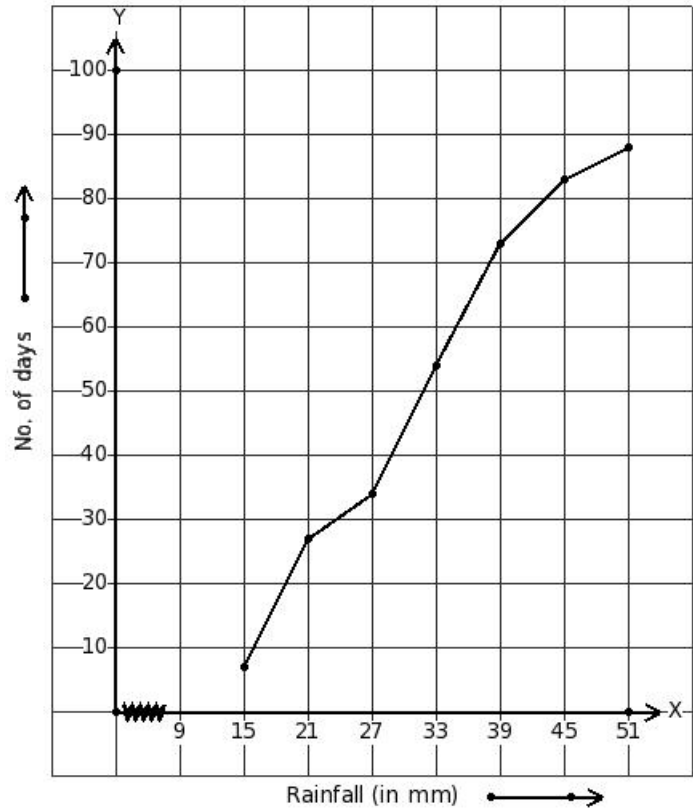
(iv)

Weight (in kg)	52 - 58	59 - 65	66 - 72	73 - 79	80 - 86
No. of students	18	15	18	17	13

(v)

Weight (in kg)	52 - 58	59 - 65	66 - 72	73 - 79	80 - 86
No. of students	18	11	18	17	15

18. Rainfall of 88 days (in mm) are given Identify the frequency distribution table for the less than ogive.



- (i)

Rainfall (in mm)	9 - 15	15 - 21	21 - 27	27 - 33	33 - 39	39 - 45	45 - 51
No. of days	7	20	7	20	19	10	5
- (ii)

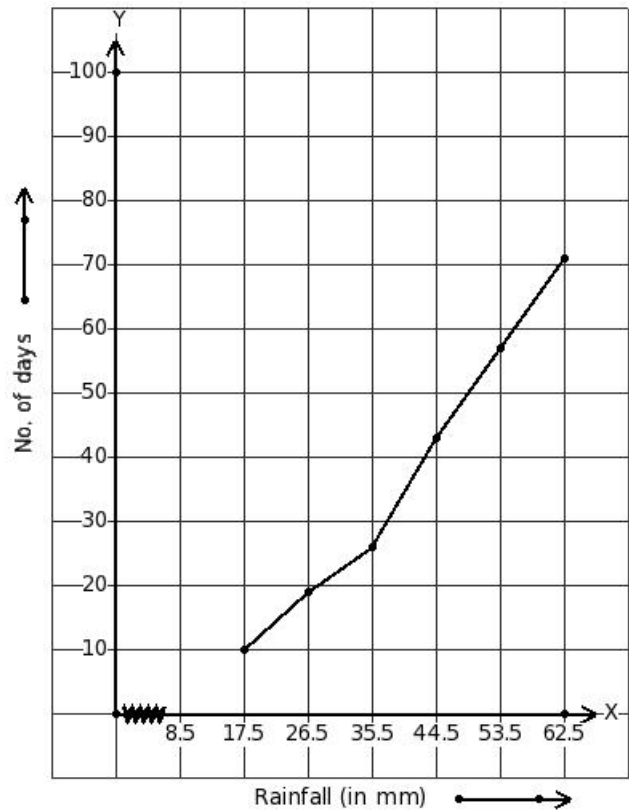
Rainfall (in mm)	9 - 15	15 - 21	21 - 27	27 - 33	33 - 39	39 - 45	45 - 51
No. of days	7	7	20	20	19	10	5
- (iii)

Rainfall (in mm)	9 - 15	15 - 21	21 - 27	27 - 33	33 - 39	39 - 45	45 - 51
No. of days	7	20	7	15	19	10	5
- (iv)

Rainfall (in mm)	9 - 15	15 - 21	21 - 27	27 - 33	33 - 39	39 - 45	45 - 51
No. of days	7	20	5	20	19	10	5
- (v)

Rainfall (in mm)	9 - 15	15 - 21	21 - 27	27 - 33	33 - 39	39 - 45	45 - 51
No. of days	7	5	7	20	19	10	20

19. Rainfall of 71 days (in mm) are given Identify the frequency distribution table for the less than ogive.
below. given ' than



- (i)

Rainfall (in mm)	9 - 17	18 - 26	27 - 35	36 - 44	45 - 53	54 - 62
No. of days	10	14	7	17	14	9
- (ii)

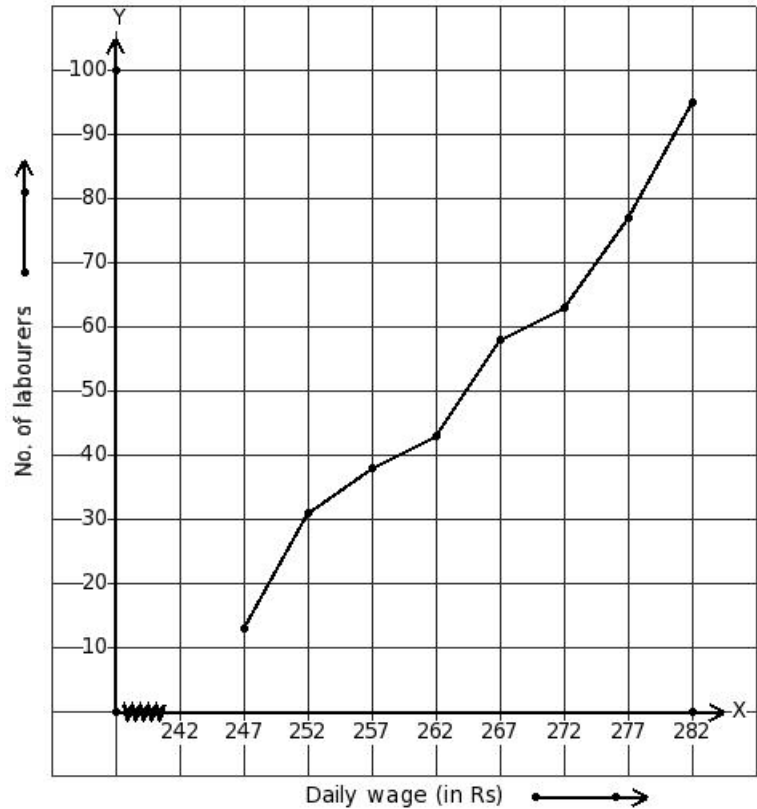
Rainfall (in mm)	9 - 17	18 - 26	27 - 35	36 - 44	45 - 53	54 - 62
No. of days	10	9	12	17	14	14
- (iii)

Rainfall (in mm)	9 - 17	18 - 26	27 - 35	36 - 44	45 - 53	54 - 62
No. of days	10	7	9	17	14	14
- (iv)

Rainfall (in mm)	9 - 17	18 - 26	27 - 35	36 - 44	45 - 53	54 - 62
No. of days	10	9	7	13	14	14
- (v)

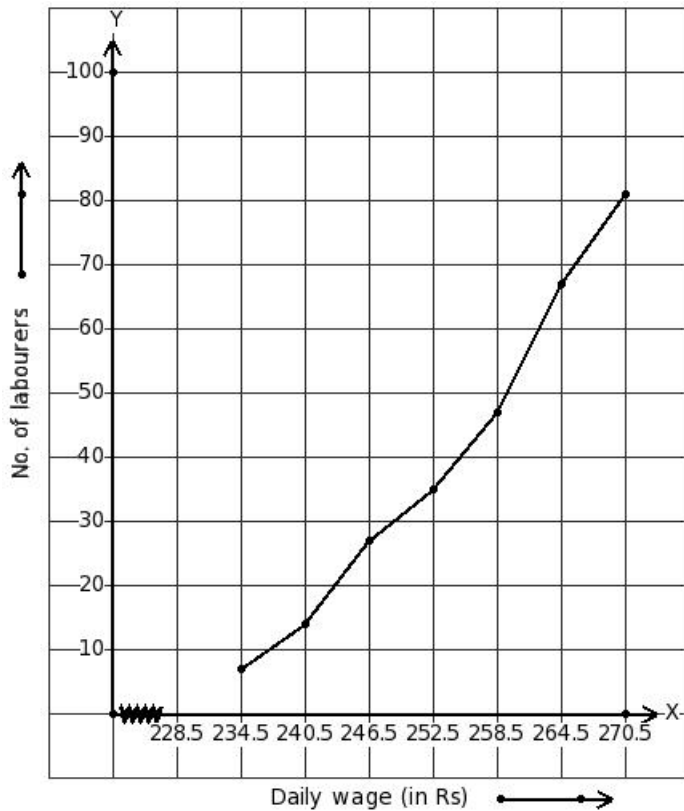
Rainfall (in mm)	9 - 17	18 - 26	27 - 35	36 - 44	45 - 53	54 - 62
No. of days	10	9	7	17	14	14

20. Daily wages of 95 labourers (in ₹) are given Identify the frequency distribution table for the less than ogive.



- (i)
- | Daily wage (in Rs) | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 | 267 - 272 | 272 - 277 | 277 - 282 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 13 | 18 | 5 | 5 | 15 | 5 | 14 | 18 |
- (ii)
- | Daily wage (in Rs) | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 | 267 - 272 | 272 - 277 | 277 - 282 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 13 | 18 | 7 | 5 | 15 | 5 | 14 | 18 |
- (iii)
- | Daily wage (in Rs) | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 | 267 - 272 | 272 - 277 | 277 - 282 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 13 | 18 | 5 | 7 | 15 | 5 | 14 | 18 |
- (iv)
- | Daily wage (in Rs) | 242 - 247 | 247 - 252 | 252 - 257 | 257 - 262 | 262 - 267 | 267 - 272 | 272 - 277 | 277 - 282 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| No. of labourers | 13 | 18 | 7 | 5 | 13 | 5 | 14 | 18 |

21. Daily wages of 81 labourers (in ₹) are given Identify the frequency distribution table for the less than ogive.



(i)

Daily wage (in Rs)	229 - 234	235 - 240	241 - 246	247 - 252	253 - 258	259 - 264	265 - 270
No. of labourers	7	7	10	8	12	20	14

(ii)

Daily wage (in Rs)	229 - 234	235 - 240	241 - 246	247 - 252	253 - 258	259 - 264	265 - 270
No. of labourers	7	13	7	8	12	20	14

(iii)

Daily wage (in Rs)	229 - 234	235 - 240	241 - 246	247 - 252	253 - 258	259 - 264	265 - 270
No. of labourers	7	7	13	8	12	20	14

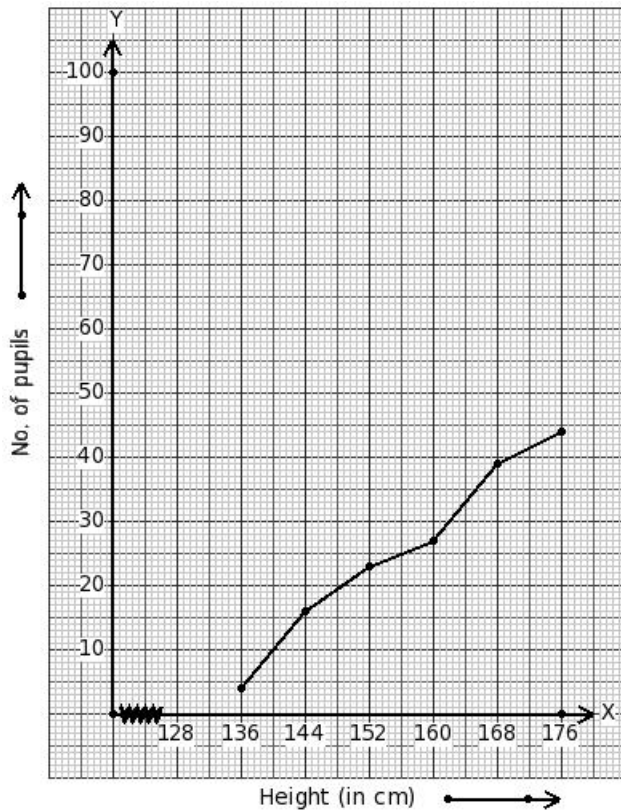
(iv)

Daily wage (in Rs)	229 - 234	235 - 240	241 - 246	247 - 252	253 - 258	259 - 264	265 - 270
No. of labourers	7	7	13	13	12	20	14

(v)

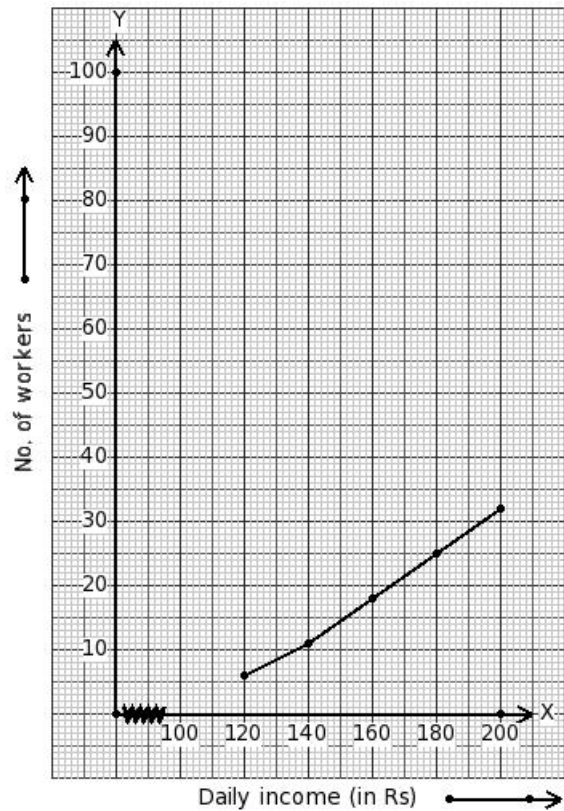
Daily wage (in Rs)	229 - 234	235 - 240	241 - 246	247 - 252	253 - 258	259 - 264	265 - 270
No. of labourers	7	14	13	8	12	20	7

22. The heights of 44 pupils in a school are given below. Identify the frequency distribution table for the given less than ogive.



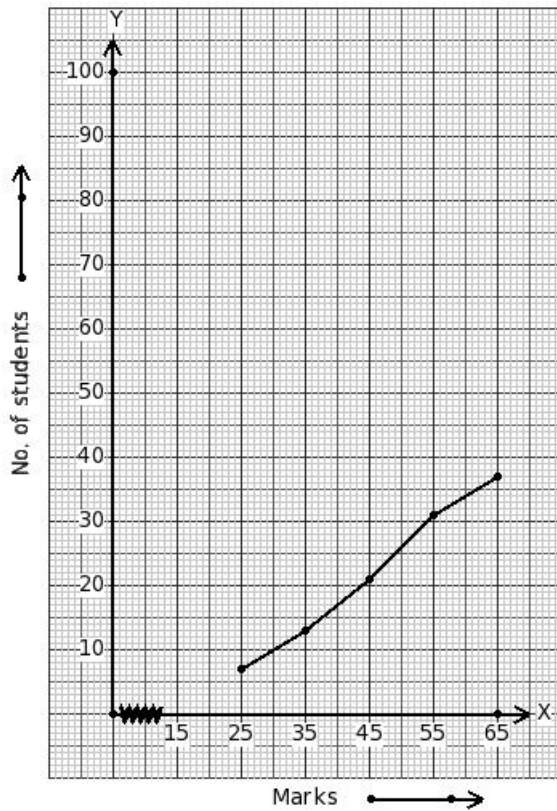
- (i)
- | Height (in cm) | less than 136 | less than 144 | less than 152 | less than 160 | less than 168 | less than 176 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| No. of pupils | 4 | 16 | 23 | 27 | 39 | 44 |
- (ii)
- | Height (in cm) | less than 136 | less than 144 | less than 152 | less than 160 | less than 168 | less than 176 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| No. of pupils | 4 | 16 | 19 | 23 | 35 | 40 |
- (iii)
- | Height (in cm) | less than 136 | less than 144 | less than 152 | less than 160 | less than 168 | less than 176 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| No. of pupils | 4 | 16 | 23 | 32 | 44 | 49 |
- (iv)
- | Height (in cm) | less than 136 | less than 144 | less than 152 | less than 160 | less than 168 | less than 176 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| No. of pupils | 4 | 11 | 23 | 27 | 39 | 44 |
- (v)
- | Height (in cm) | less than 136 | less than 144 | less than 152 | less than 160 | less than 168 | less than 176 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| No. of pupils | 4 | 9 | 16 | 20 | 32 | 44 |

23. The daily income of 32 workers of a factory is given below. Identify the frequency distribution table for the given less than ogive.



- (i)
- | Daily income (in Rs) | less than 120 | less than 140 | less than 160 | less than 180 | less than 200 |
|----------------------|---------------|---------------|---------------|---------------|---------------|
| No. of workers | 6 | 11 | 15 | 22 | 29 |
- (ii)
- | Daily income (in Rs) | less than 120 | less than 140 | less than 160 | less than 180 | less than 200 |
|----------------------|---------------|---------------|---------------|---------------|---------------|
| No. of workers | 6 | 13 | 20 | 27 | 32 |
- (iii)
- | Daily income (in Rs) | less than 120 | less than 140 | less than 160 | less than 180 | less than 200 |
|----------------------|---------------|---------------|---------------|---------------|---------------|
| No. of workers | 6 | 13 | 18 | 25 | 32 |
- (iv)
- | Daily income (in Rs) | less than 120 | less than 140 | less than 160 | less than 180 | less than 200 |
|----------------------|---------------|---------------|---------------|---------------|---------------|
| No. of workers | 6 | 8 | 15 | 22 | 29 |
- (v)
- | Daily income (in Rs) | less than 120 | less than 140 | less than 160 | less than 180 | less than 200 |
|----------------------|---------------|---------------|---------------|---------------|---------------|
| No. of workers | 6 | 11 | 18 | 25 | 32 |

24. The marks obtained by 37 students of a class in an examination is given below. Identify the frequency distribution table for the given less than ogive.



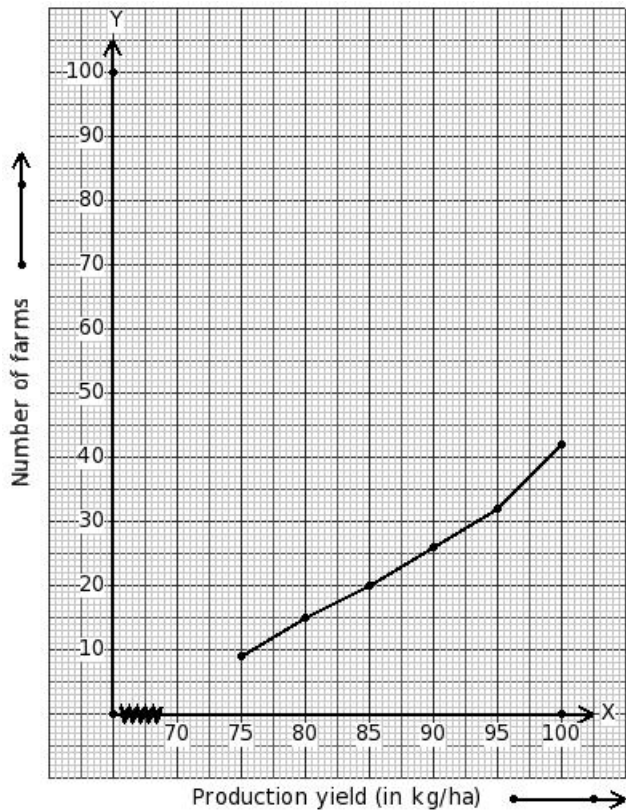
(i)	Marks	less than 25	less than 35	less than 45	less than 55	less than 65
	No. of students	7	15	21	31	37

(ii)	Marks	less than 25	less than 35	less than 45	less than 55	less than 65
	No. of students	7	13	18	28	34

(iii)	Marks	less than 25	less than 35	less than 45	less than 55	less than 65
	No. of students	7	17	25	35	41

(iv)	Marks	less than 25	less than 35	less than 45	less than 55	less than 65
	No. of students	7	13	21	31	37

25. The production yield in kg per hectare of wheat of 42 farms of a village is given below. Identify the frequency distribution table for the given less than ogive.



- (i)
- | Production yield (in kg/ha) | less than 75 | less than 80 | less than 85 | less than 90 | less than 95 | less than 100 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Number of farms | 9 | 19 | 24 | 30 | 36 | 42 |
- (ii)
- | Production yield (in kg/ha) | less than 75 | less than 80 | less than 85 | less than 90 | less than 95 | less than 100 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Number of farms | 9 | 15 | 23 | 29 | 35 | 45 |
- (iii)
- | Production yield (in kg/ha) | less than 75 | less than 80 | less than 85 | less than 90 | less than 95 | less than 100 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Number of farms | 9 | 15 | 20 | 28 | 34 | 44 |
- (iv)
- | Production yield (in kg/ha) | less than 75 | less than 80 | less than 85 | less than 90 | less than 95 | less than 100 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Number of farms | 9 | 14 | 20 | 26 | 32 | 42 |
- (v)
- | Production yield (in kg/ha) | less than 75 | less than 80 | less than 85 | less than 90 | less than 95 | less than 100 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Number of farms | 9 | 15 | 20 | 26 | 32 | 42 |

Assignment Key

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