

Chapter 21 : Data Handling

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Exercise 21A

Question 1:

Solution:

Number of members	3	4	5	6	7
Frequency	4	4	7	3	2

Question 2:

Solution:

Outcome	1	2	3	4	5	6
Frequency	6	6	4	5	4	5

Question 3:

Solution:

Number of Children	0	1	2	3	4	5	6
Frequency	4	7	12	5	6	3	3

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Exercise 21B

Question 1:

Solution:

Marks	0-10	10-20	20-30	30-40	40-50
Frequency	3	8	14	9	6

Question 2:

Solution:

Bill Amount (in Rupees)	300-400	400-500	500-600	600-700	700-800
Frequency	5	3	6	4	7

Question 3:

Solution:

Wages (in Rupees)	610-630	630-650	650-670	670-690	690-710	710-730
Frequency	4	4	5	3	7	5

Question 4:

Solution:

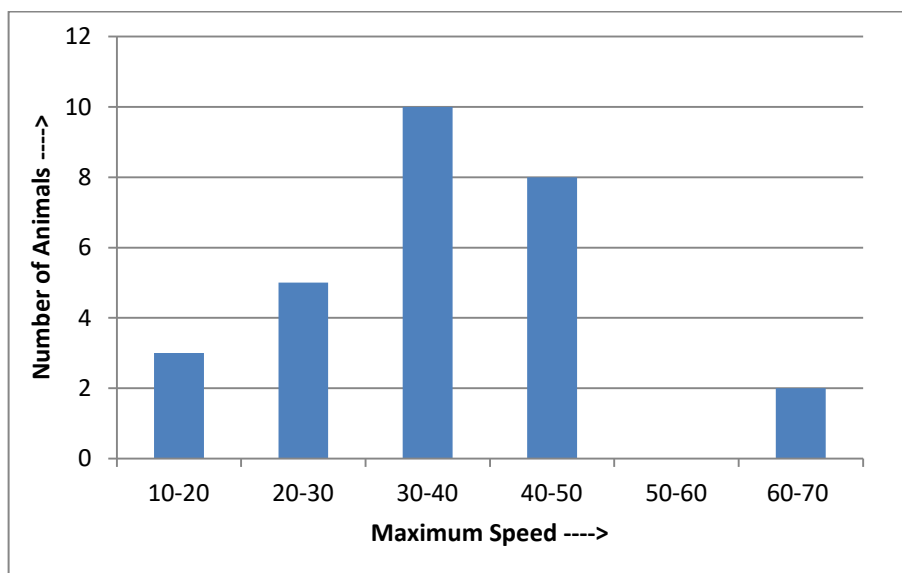
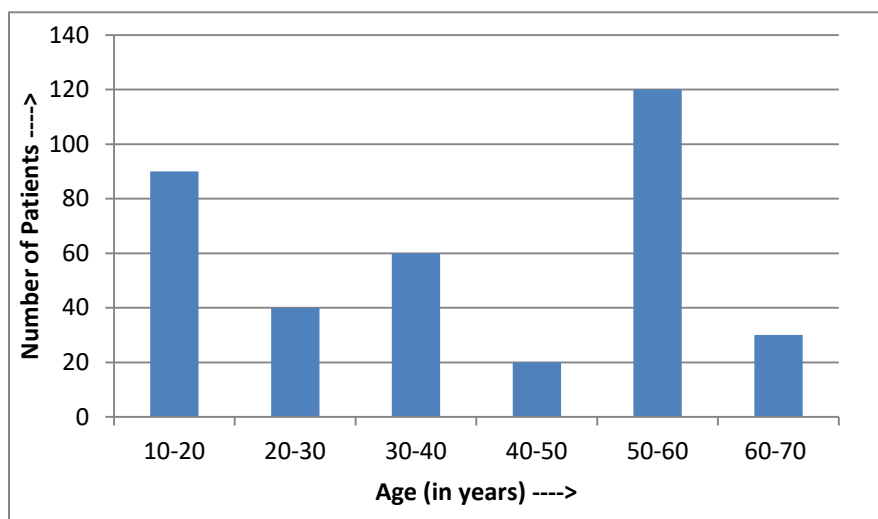
Pocket Expense (in Rupees)	60-70	70-80	80-90	90-100	100-110	110-120
Frequency	6	5	7	5	3	4

Question 5:**Solution:**

Daily Earnings (in Rupees)	500-550	550-600	600-650	650-700	700-750
Frequency	7	5	4	3	5

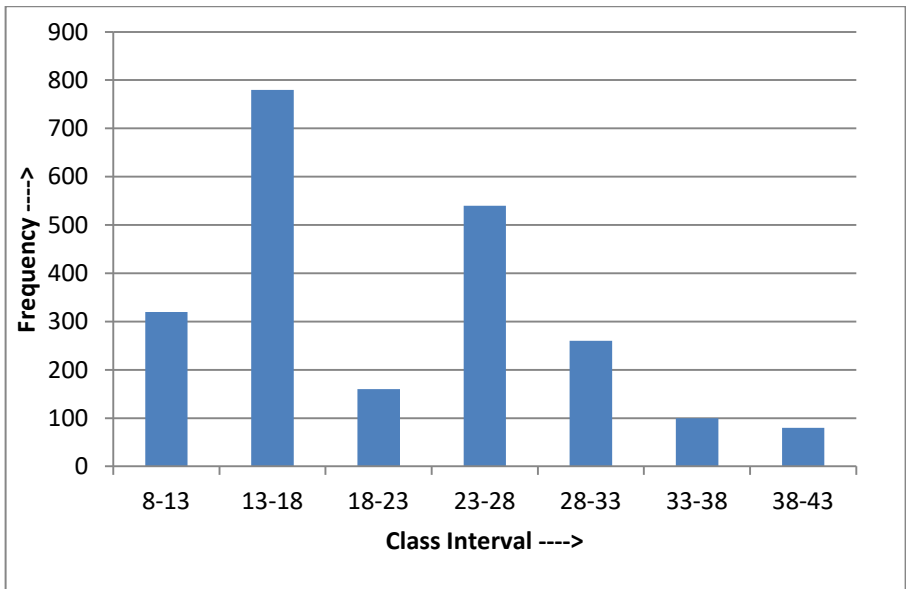
Question 6:**Solution:**

Height (in cm)	125-130	130-135	135-140	140-145
Frequency	5	7	6	4

Page No: 239**Exercise 21C****Question 1:****Solution:****Question 2:**

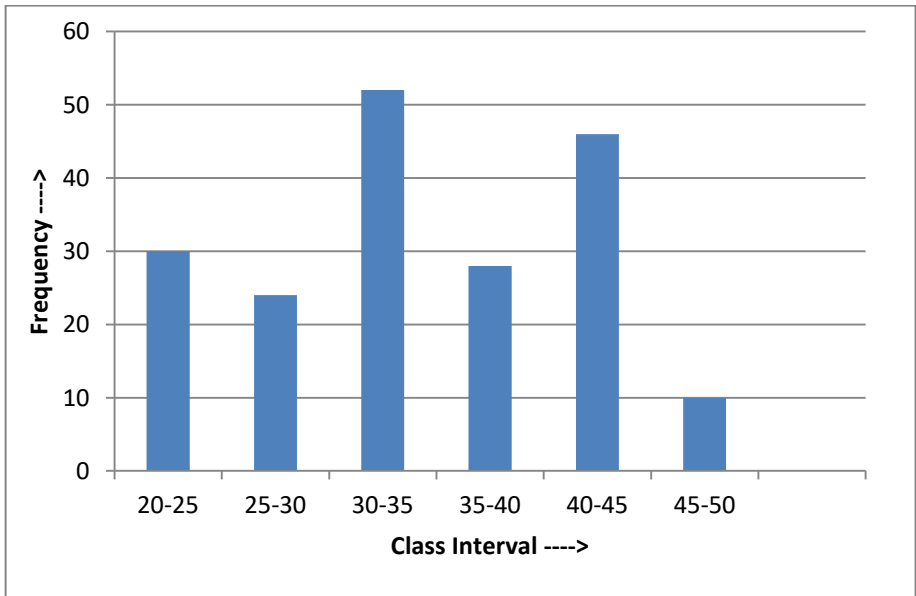
Question 3:

Solution:



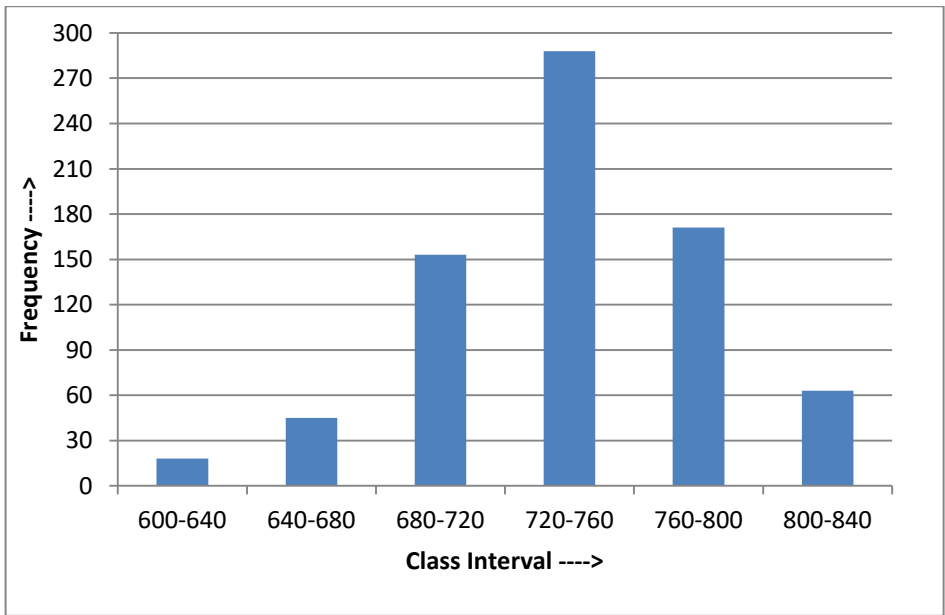
Question 4:

Solution:



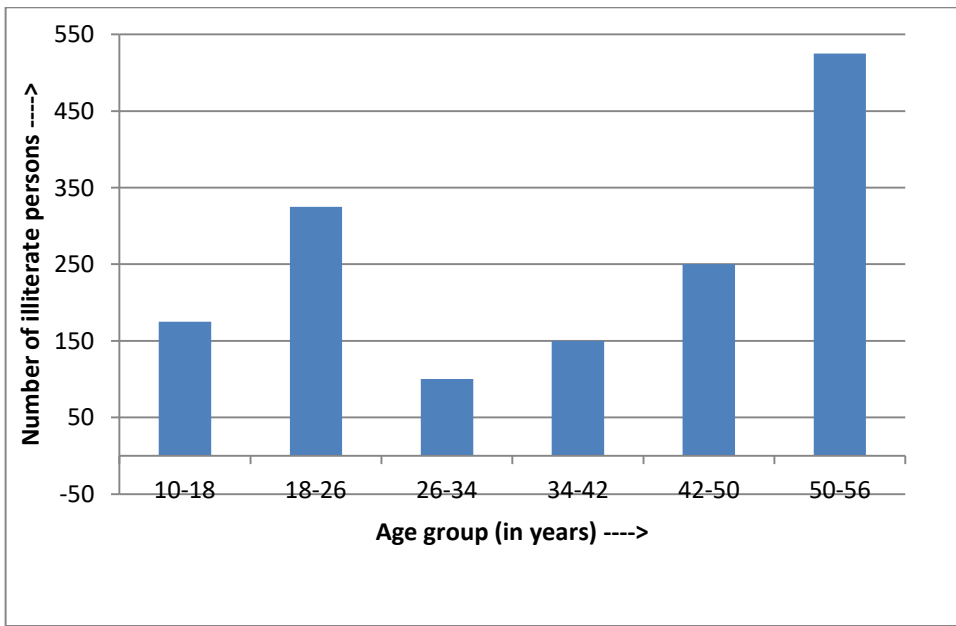
Question 5:

Solution:



Question 6:

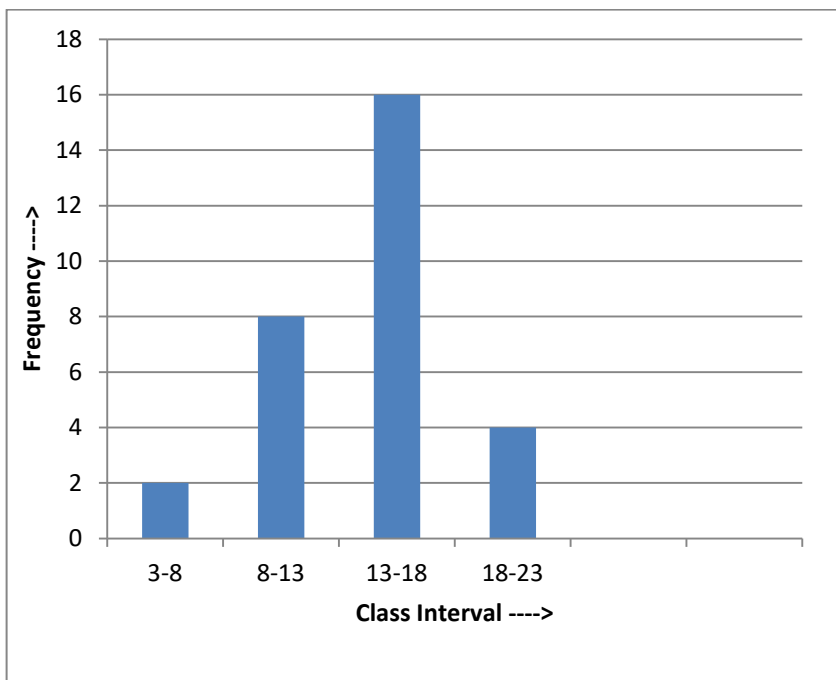
Solution:



Question 7:

Solution:

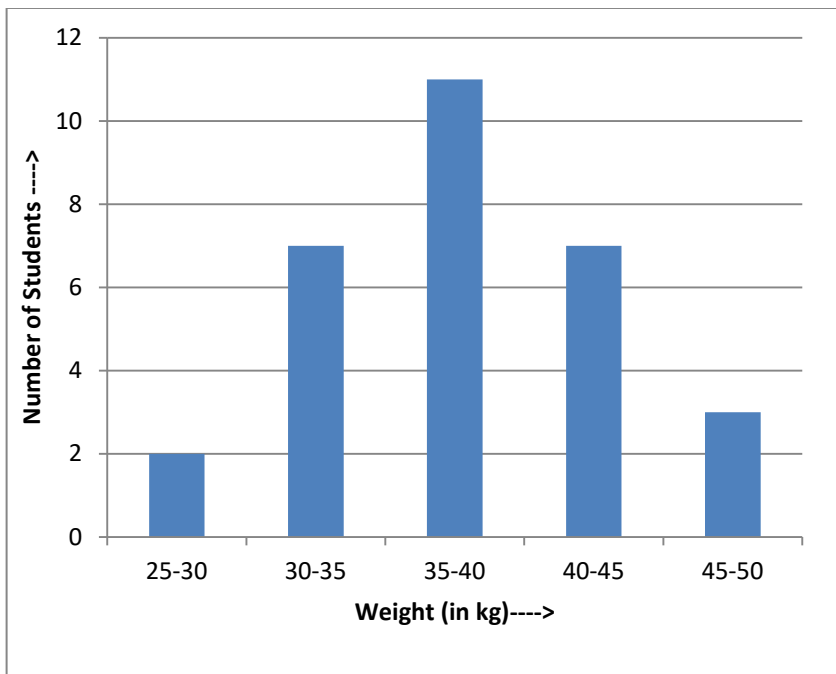
Class Interval	3-8	8-13	13-18	18-23
Frequency	2	8	16	4



Question 8:

Solution:

Weight (in kg)	25-30	30-35	35-40	40-45	45-50
Number of students	2	7	11	7	3



Question 9:**Solution:**

- (i) 42 students have height more than or equal to 135 cm but less than 150 cm.
- (ii) 150-155 is the class interval having the least number of students.
- (iii) The class size is 5.
- (iv) 28 students have height less than 140 cm

Question 10:**Solution:**

- (i) The given histogram gives the number of teachers in the school in the age groups 25-30 to 55-60.
- (ii) 21 teachers are of age less than 45 years.
- (iii) 13 teachers are of age 40 years or more but less than 55 years.

Question 11:**Solution:**

- (i) The classes are 10-15, 15-20, 20-25, 25-30, 30-35, 35-40.
- (ii) The class width is 5.
- (iii) The literate females are the least in the age group 10-15.
- (iv) The number of literate females is the highest in the age group 15-20.