

1. The marks obtained by 17 students in a mathematics 100) are given below :
 91,82,100,100,96,65,82,76,79,90,46,64,72,68,66,48,49
 The range of the data is :
 (a) 46 (b) 54 (c) 90 (d) 100
- 2: The class-mark of the class 130-150 is :
 (a) 130 (b) 135 (c) 140 (d) 145
1. The class mark of the class 90-120 is :
 (a) 90 (b) 105 (c) 115 (d) 120
2. The range of the data : 25,18,20,22,16,6,17,15,12,30,32,10,19,8,11,20 is
 (a) 10 (b) 15 (c) 18 (d) 26
3. In a frequency distribution, the mid value of a class is 10 and the width of the class is 6 . The lower limit of the class is :
 (a) 6 (b) 7 (c) 8 (D) 5
4. The width of each of five continuous classes in a frequency distribution is 5 and the lower class-limit of the lowest class is 10 . The upper class-limit of the highest class is:
 (a) 15 (b) 25 (c) 35 (d) 40
5. Let m be the mid-point and l be the upper class limit of a class in a continuous frequency distribution. The lower class limit of the class is :
 (a) $2m+l$ (b) $2m-l$ (c) $m-l$ (d) $m-2l$
6. The class marks of a frequency distribution are given as follows : 15,20,25,...
 The class corresponding to the class mark 20 is :
 (a) 12.5 – 17.5 (b) 17.5 – 22.5 (c) 18.5 – 21.5 (d) 19.5 – 20.5
7. In the class intervals 10-20, 20-30, the number 20 is included in :
 (a) 10 – 20 (b) 20 – 30
 (c) both the intervals (d) none of these intervals
8. A grouped frequency table with class intervals of equal sizes using 250–270 (270 not included in this interval) as one of the class interval is constructed for the following data :
 268, 220, 368, 258, 242, 310, 272, 342, 310, 290, 300, 320, 319, 304, 402, 318, 406, 292, 354, 278, 210, 240, 330, 316, 406, 215, 258, 236 .
 The frequency of the class 310-330 is:
 (a) 4 (b) 5 (c) 6 (d) 7
9. A grouped frequency distribution table with classes of equal sizes using 63-72 (72 included) as one of the class is constructed for the following data :
 30, 32, 45, 54, 74, 78, 108, 112, 66, 76, 88, 40, 14, 20, 15, 35, 44, 66, 75, 84, 95, 96, 102, 110, 88, 74, 112, 14, 34, 44.
 The number of classes in the distribution will be :
 (A)9 (b) 10 (c) 11 (d)12
- 10.

Class interval	5 - 10	10 – 15	15 - 25	25- 45	45 - 75
Frequency	6	12	10	8	15

To draw a histogram to represent the following frequency distribution
the adjusted frequency for the class 25-45 is :

- (a) 6 (b) 5 (c) 3 (d) 2