

# Assignment 3

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**Abstract**—This document contains the solution for Assignment 3 (NCERT Class 9 Exercise 14.4 Question 6)

**14.4.6 [NCERT 9]** : Give one example of a situation in which

- (i) the mean is an appropriate measure.
- (ii) the mean is not an appropriate measure of central tendency but the median is an appropriate measure of central tendency.

**Solution:**

- (i) If the weights of 5 students in a class are

70 71 75 77 72

Mean of this data is equal to 73 and it is fair measure of the central tendency.

- (ii) If the marks of 5 students in a class are

10 15 20 25 95

Mean of this data is 33 which is not a measure of central tendency.

But median of this data is 20 which can be a fair measure of central tendency