

### **Answer on Question #41523 – Physics - Other**

Which of the following is NOT applicable when plotting the graph of experimental data?

- a. Lines of bestfit should always be used
- b. circled dots or crosses may be used to show plotted points
- c. thin, sharp and continuous lines are acceptable
- d. the scale must be chosen to make the graph occupy as small as possible of the graph page

#### **Solution:**

The graph should cover most of the paper rather than being squeezed into a tiny area. If the points on a graph are very close together, it loses much of its significance. On the other hand, the graph should not be spread out so far that some of the points are off the paper. Hence, correct answer is d.

**Answer:** d. the scale must be chosen to make the graph occupy as small as possible of the graph page