Question

Is the following statement true?

In general, you can remove the nonsignificant terms from a model all at once to obtain a parsimonious model.

○   *a.* yes

○   *b.* no

Correct.
Multicollinearity can hide significant terms. You need to eliminate the terms one at a time.

Question

When you fit a straight line to data that shows a curvilinear relationship, it is very likely that the residual plot shows which of the following patterns?

○   *a.* curvilinear

○   *b.* straight line

○   *c.* no pattern

Correct.
The residual plot indicates the discernible pattern not captured by the model, so it shows curvilinear patterns.