

**Your grade: 80%**

Your latest: 80% • Your highest: 80% • To pass you need at least 80%. We keep your highest score.

Next item →

1 / 1 point

1. SPC helps us localize sources of \_\_\_\_\_ cause variation.

- ☐ Instable
- ☐ External
- ☐ Common
- ☒ Special

Correct

SPC helps us localize sources of special cause variation

1 / 1 point

2. Upper control limits (UCL) and lower control limits (LCL) are determined from \_\_\_\_\_

- ☐ The customer
- ☐ The specification
- ☐ Management
- ☒ The variation of the process.

Correct

Upper control limits (UCL) and lower control limits (LCL) are determined from the variation of the process.

1 / 1 point

3. Choose the answer that does not align. Subgroups are selected in a way that makes each subgroup

- ☐ As homogeneous as possible
- ☐ such that we can assess part to part variation consistency
- ☐ such that the maximum potential for variation from one subgroup to another is realized
- ☒ such that selection does not depend on our knowledge of the components of the total process variation

Correct

Subgroups are selected in a way that makes each subgroup such that Selection does not depend on our knowledge of the components of the total process variation

1 / 1 point

4. If the control limits get too wide, our probability of a \_\_\_\_\_ error will be intolerably high

- ☐ Control
- ☐ Process
- ☐ Type I
- ☒ Type II

Correct

If the control limits get too wide, our probability of a type II error will be intolerably high

1 point

5. Within lot variation consists of

- ☒ piece to piece variation
- ☐ Lot-to-lot variation
- ☐ Time to time variation
- ☐ A and C only

Incorrect

See Module 7-1 Lesson 3