ERRATA for
FE Civil Practice Exam
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Revisions are shown in red.

Question 8, p. 11:

The options should read as follows:

- A. (19.5%, 26.9%)
- B. (20.3%, 26.1%)
- C. (20.6%, 25.8%)
- D. (20.9%, 25.5%)

Solution 8, p. 63:

8. Refer to the t-Distribution section in the Engineering Probability and Statistics chapter of the *FE Reference Handbook*.

For a 99% confidence interval, $\alpha = 0.01 \rightarrow \alpha/2 = 0.005$.

Use Student's t-distribution with $\nu = 3$. Refer to the table, where $t_{0.005,3} = 5.841$.

Confidence interval $= 23.2\% \pm (5.841 \times (1/2)) = 23.2\% \pm 2.921\% = (20.3\%, 26.1\%)$

THE CORRECT ANSWER IS: B