ERRATA for
FE Industrial and Systems Practice Exam
ISBN: 978-1-932613-96-4
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Errata posted 11/06/2020

Revisions are shown in red.

Question 56, p. 32:
The table should read as follows:

56.   A part being manufactured goes through three sequential processes involving assembly and inspection. These steps are described below:

Parameter	Process A	Process B	Process C
Production rate (per hour) before inspection	1,400	800	100
Number of units of this process required in the subsequent process	6	10	—
Rejection rate (%)	30	14	8

The capacity of this system in finished good parts per hour is most nearly:

Solution 43, p. 72:
The solution should read as follows:

43.   For a given project, the utility function is used to determine the expected return, $U(x)$, for a specified level of investment, x, in the project. Examinees are expected to be familiar with utility curves.

Value of A $= 0.5\left[10,000\left(1-e^{-(-5,000/10,000)}\right)\right]+0.5\left[10,000\left(1-e^{-1}\right)\right]$
$= 0.5\,(-6,487) + 0.5\,(6,321)$
$= -83$
Value of B $= 0$ is better

THE CORRECT ANSWER IS: B