

ERRATA for
FE Industrial and Systems Practice Exam
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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, **A, B, and C**. These steps are described below. **For example, six of Process A are used in each Process B.**

Parameter	Process		
	A	B	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.

$$\begin{aligned} \text{Value of A} &= 0.5[10,000(1 - e^{-(-5,000/10,000)})] + 0.5[10,000(1 - e^{-1})] \\ &= 0.5(-6,487) + 0.5(6,321) \\ &= -83 \end{aligned}$$

Value of B = 0 is better

THE CORRECT ANSWER IS: B