# PE Electrical and Computer: Computer Engineering Practice Exam 

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Errata posted 2/20/2023
Revisions are shown in red.
Question 38, p. 27:
Line 2 of the question should read as follows:

$$
\mathrm{D}(\mathrm{~A}, \mathrm{~B}, \mathrm{C})=\overline{(\mathrm{A}+\overline{\mathrm{B}}) \mathrm{C}}
$$

Question 49, p. 37:
The question should read as follows:
The synchronous digital circuit below has input CLK and output $\mathrm{Q}_{1} \mathrm{Q}_{2} \mathrm{Q}_{3}$. Assume positive logic. If the current state of the synchronous circuit is $\mathrm{Q}_{1} \mathrm{Q}_{2} \mathrm{Q}_{3}=100$, the next state will be:

