

Answer on Question#38644 – Math - Other

Let n be the pumping-lemma constant, and consider $Z = a^n b^n c^n$. Using the pumping lemma

If a language L is context-free, then there exists some integer $p \geq 1$ such that every string s in L with $|s| \geq p$ can be written as $s = uvxyz$.

We can see that this language is not a context-free language and also context-sensitive.

Answer: C.