

Context:

Theoretically, analog systems are superior to digital systems. A signal in a pure analog system can be infinitely detailed, while digital systems cannot produce signals that are more precise than their digital units. With this theoretical advantage there is a practical disadvantage. Since there is no limit on the potential detail of the signal, the duplication of an analog representation allows tiny variations from the original, which are errors.

Question:

The statements above, if true, most strongly support which one of the following?

Option

Digital systems are the best information systems because error cannot occur in the emission of digital signals.