

CHRISTIAN FAITH, SCIENCE AND TECHNOLOGY

Human Intelligence vs. Artificial Intelligence

Scripture: I Corinthians 1:16-31; 2:6-16

Characteristics of “human being”: body, mind, spirit/

Characteristics of intelligence: intellect

Marks of intelligence

- ❖ **Skills, calculation, computation**
- ❖ **Conscious thought/logic**
- ❖ **Memory**
- ❖ **Relationship**
- ❖ **Wisdom**

Key question: the difference between *learning* and *programming*?

Brain function:

- ❖ **Perception**
- ❖ **Cognition**
- ❖ **Memory**
- ❖ **Response**
- ❖ **Reflection**
- ❖ **Wisdom**
- ❖ **Moral context**

Artificial intelligence (AI) is rooted in digital processes and “information technology” in the mid-1970s. AI has evolved as computer processing speed has increased, along with graphics programming.

Three human sources of alternative reality

- ❖ **Imagination**
- ❖ **Advertising/marketing**
- ❖ **Mental illness**

Three dimensions of AI:

- ❖ **Imitative**
- ❖ **Assistive**
- ❖ **Generative**

Imitative and assistive AI examples: facial recognition, voice recognition, command completion, Siri (Apple) and Alexa (Kindle), debit card tap

In-between: imitative/assistive and generative: simulations

Generative AI “creates” a digital personality that engages in conversation, adapts to personal interests/preferences and—**danger points**—suggests/completes decisions based on algorithms and stated preferences.

Question #1: Does the human brain alter reality?

Question #2: In what ways does a digital source alter reality?

Question: Does AI have a mind? Is there wisdom in AI? Morality/values? What is the source/origination?

Biblical theology affirms **incarnation**—and AI cannot capture the incarnate Jesus.