Introduction to Artificial Intelligence

Answer the following questions in your own words. (100Pts)

- How is AI used in different domains? Raise 3 examples
- Can AI be creative? Share examples of AI-generated art, music, or writing you have experienced
- How does AI differ from human intelligence? What are strengths and limitations of AI and human intelligence?
- Can AI hep individuals achieve personal growth or self-improvement? Explain
- What are your thoughts on the possibility of AI developing consciousness? Can a machine ever truly “think” or “feel” like human?
- Will the development of more advanced AI lead to more opportunities or challenges in the job market?
- What is the difference between Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Speech Processing, and Robotics? Give one application of each.
- How should students use generative AI responsibly for learning? Give three acceptable use cases.
- Can an AI system be unbiased? Explain where bias could enter an AI system.
- What AI applications could be particularly useful in Cambodia? Identify a problem, propose an AI-based solution, and explain how it works.