Unit 3 - Week 2

Assignment 2

1. Explain the concept of a computer and its primary components. Discuss the basic operations performed by a computer. (20 marks)

2. Describe the steps involved in the process of data processing, highlighting the role of each step. (15 marks)

3. Discuss the importance of computer programming and its applications in various fields. (15 marks)

4. Analyze the impact of computer technology on societal issues such as privacy, ethics, and intellectual property. (15 marks)

5. Evaluate the role of computer technology in promoting economic growth and efficiency. (15 marks)

6. Explain the significance of artificial intelligence and its potential applications. (15 marks)

7. Discuss the ethical considerations involved in the development and use of artificial intelligence. (15 marks)

8. Present a case study illustrating the benefits and challenges of implementing a computer system in a specific industry. (20 marks)

9. Reflect on your personal experience with computer technology and discuss any impacts or changes it has brought to your life. (15 marks)

10. Suggest ways in which computer technology can be used to address global challenges such as climate change and sustainable development. (15 marks)