

THE COPPERBELT UNIVERSITY  
SCHOOL OF MATHS AND NATURAL SCIENCES

BEC/BS240 TEST 1

16<sup>th</sup> JULY, 2014

TIME: 2 hrs.

Answer all questions and be as brief and as precise as possible in your explanations.

Q 1 Define the following characteristics of Valuable information. **[6 marks]**

- i) Verifiable      ii) Accessible      iii) Complete      iv) Reliable

Q 2 State the stages and associated activities of a decision making model. **[6 marks]**

Q 3 Knowledge can be described as explicit or tacit. Define knowledge management and hence or otherwise briefly discuss explicit and tacit knowledge. **[4 marks]**

Q 4 Define the following components of a computer based information system. **[4 marks]**

- i) Hardware      ii) Software      iii) Procedures      iv) Database

Q 5 One of the characteristics of a system states that the coupling between subsystems varies. Briefly discuss this characteristic clearly distinguishing between coupled and decoupled systems. **[4 marks]**

Q 6 Briefly discuss the following limitations of computer based systems. Use appropriate examples in your discussion. **[6 marks]**

- i) Improvisation/Flexibility      ii) Intuition      iii) Innovation      iv) Qualitative information

Q 7 State and briefly describe the four main elements of an enterprise system. **[6 marks]**

Q 8 Define the following computer hardware components. **[4 marks]**

- i) Cache Memory      ii) Bar code reader      iii) Central Processing Unit  
iv) Blue Ray Disc

.....The End.....