



THE COPPERBELT UNIVERSITY  
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

Instructions

1. Answer all questions and be as precise as possible in your solutions
2. Time Allowed: 1hrs 15 Minutes

**Question 1.**

Briefly describe the information processing cycle by giving example at each stage of the cycle.

**[6 marks]**

**Question 2.**

Define the following computer terminologies. **[6 marks]**

- a) Firmware      b) User interface      c) Virtual Memory      d) Paging

**Question 3.**

State and describe four (4) principle features of a Database Management package. **[6 marks]**

**Question 4.**

State four (4) types of software suites and give two examples for each type **[6 marks]**

**Question 5.**

Write pseudocode and draw an equivalent flow chart to add two numbers entered by user.

**[6 marks]**

**Question 6.**

Write pascal code that prints either positive or negative depending the number entered by a user. **[6 marks]**

**Question 7.**

Define an ASSURE model and hence or otherwise breakdown the acronym ASSURE. **[4 marks]**

.....**All the best in the exams**.....