**Week 8 (5 Sept 2022 to 11 Sept 2022)**

**Unit 4.1 (Processor Fundamentals) Homework**

1 a) Describe the functions of the following registers.

i) Current instruction register [2 marks]

ii) Memory address register [2 marks]

b) Status registers contain flags. Three such flags are named N, C and V.

i) What does each of the three flags represent? [3 marks]

ii) Give an example of the use of each of the three flags. [3 marks]