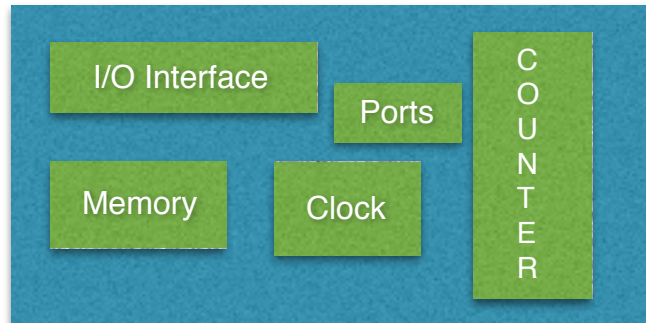


# Primeasia University

## MidTerm - CSE327

1. Will you call this following designed system a Microcontroller or Microprocessor? Describe your answer. 3



2. Mention four household applications of Microcontroller. Write down the following Abbreviations - EEPROM, MPU, I/O interface, MHz 4
3. Mention the two type of outputs that ALU provides and Justify your answer by explaining how this outputs flow from ALU to Control Unit. 4
4. Mention two basic differences between EPROM and EEPROM. Why do temporary registers have only one control wire connected to it from the Control Unit. 3
5. Suppose Jane is trying to design a digital counter, so for saving some money she thought of using secondary memory only and avoided using any primary memory to her design. Will be successful in completing her desired counter?- justify your answer. 4
6. Why do we say that the data flow between the modules inside the Central Processing Unit is Bidirectional? Mention four works of the CPU. 4
7. What will happen if we did not have any Cache Memory in our computer system- explain your answer. 3