AL-Mustagbal University

Engineering College

Computer Techniques Engineering



Subject: Microprocessors

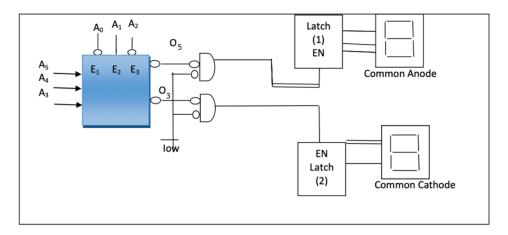
Time: 60 Minutes

Class: 2ND

Date: 2025/4/6

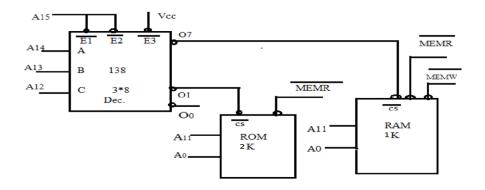
Q1/ What are the operations that can be carried out in ALU?

Q2/ What is the range of addresses in the following cct.



Q3/ What are the different between Peripheral- mapped and Memory- mapped?

Q4/ Find the range of addresses for each memory chip?



Q5/ fill in the blanks

- 1- ----- flag Indicates whether the number of 1s in the result is odd or even.
- 2- Data bus is ----- bit while address bus is ----- bit.
- 3- The AND gate combines IOADR and IOW to generate -----
- 4- key steps of the microprocessor are -----, -----, ------, ------
- 5- memory size of: 8085 is ----- while 8086 is -----.

Examiner: Dr. Mayas Aljibawy **Head of department:** Prof. Dr. Abdulkareem Abdulrhman