

iQuiz#2

Question: 1

Write names of all addressing modes (only names).

3

Question: 2

Describe and illustrate "Direct addressing" and "Indirect addressing" with the help of an example and diagram. (You may choose LDAC or ADD operation for example)

3

Question: 3

Given the following memory values and a one-address machine with an accumulator, what values do the following instructions load into the accumulator? (Write down calculations where necessary)

4

Program Counter=20

ADDRESS	CONTENTS
20	40
30	50
40	60
50	70

- a. LOAD IMMEDIATE 20
- b. LOAD DIRECT 20
- c. LOAD INDIRECT 20
- d. LOAD PC-RELATIVE 20