



Digital Logic Circuit Review Questions

Answer questions in sentence form neatly in the space provided. Use the related web resources to answer the questions fully. Half a mark for short points and one mark for each explanation.

1. What does binary have to do with programming, how are they connected?

a. _____

2. How does looking at electromechanical circuits help with understanding digital logic circuit components?

a. _____

3. Explain the main components of an electromechanically ladder schematic?

a. _____

4. How does a latch circuit work in both electromechanical/DL circuit work?

a. _____

b. _____

5. AND & OR logic gates represent what type of equivalent circuits?

a. _____

6. What is the difference between electromechanical circuits and digital logic circuits (components /characteristics)?

a. _____
b. _____

7. What is the difference between combinational and sequential logic circuits, and why?

a. _____

8. What are the two types of transistors used in IC chips, make-up, and their voltages?

a. _____
b. _____

Mark
Breakdown
Column

Q#	A
1	1.5
2	1
3	2
4	4
5	1
6	2
7	2.5
8	3
T=	17