

# CS2208a Assignment 2

Issued on: Wednesday, October 9, 2013

Due by: 11:55 pm on Wednesday, October 16, 2013

- For this assignment, only electronic submission at owl.uwo.ca is required.
- ONLY user **Courier New** font.
- Leave one empty line and a line of "\$" between the answer of each question.
- Leave one empty line and a line of "%" between the answer of each subsection in each question.
- *Write the question number is a separate line followed by an empty line*

## Your submission should look like that:

Q1 (a)

Write here your answer.

Write here your answer.

Write here your answer.

%%%%%%%%%%%%%%%%%%%%%%%%

Q1 (b)

Write here your answer.

Write here your answer.

Write here your answer.

\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$

Q2 (a)

Write here your answer.

Write here your answer.

Write here your answer.

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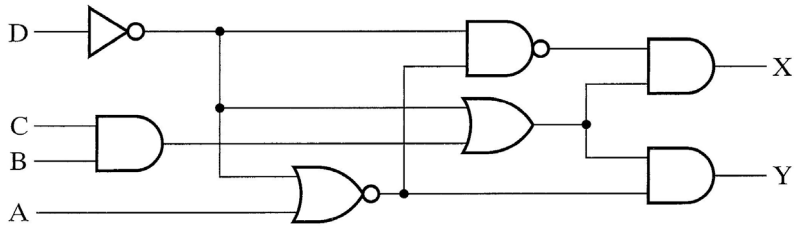
*and so on*

**Failure to follow the above format may cost you 10% of the total assignment mark.**

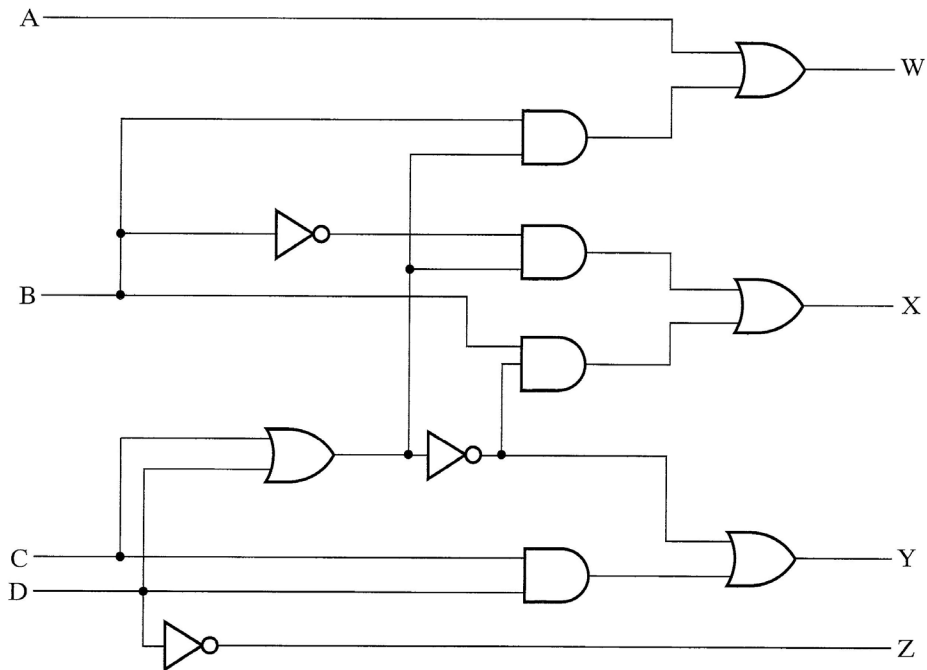
- Late assignments are strongly discouraged
  - 10% will be deducted from a late assignment (up to 24 hours after the due date/time)
  - After 24 hours from the due date/time, late assignments will receive a zero grade.

**QUESTION 1 (10 marks)**

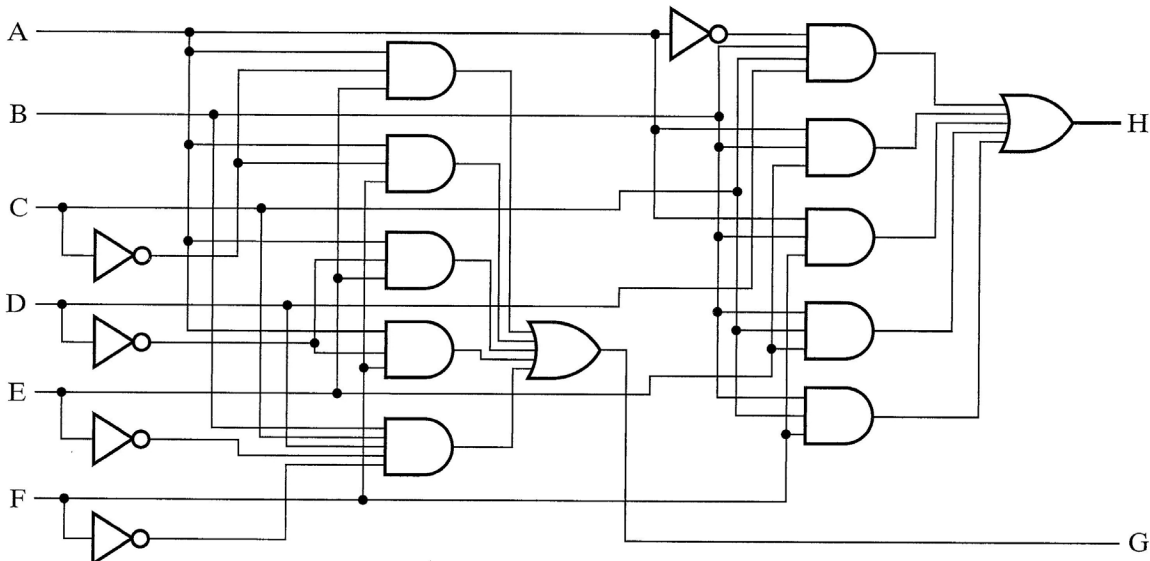
Analyze the following combinational circuit by determining its truth table.

**QUESTION 2 (20 marks)**

Analyze the following combinational circuit by determining its truth table.

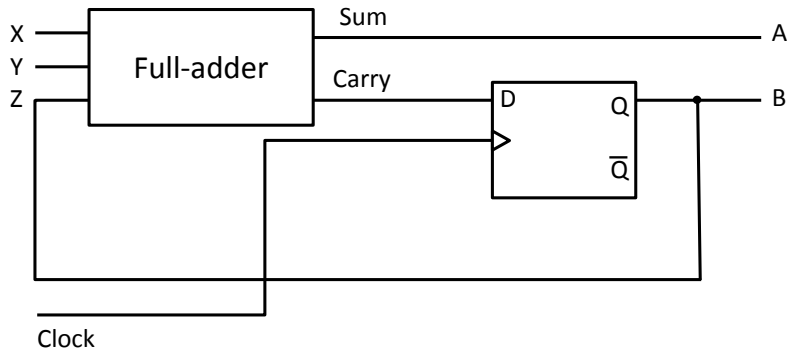
**QUESTION 3 (20 marks)**

Analyze the following combinational circuit by determining its truth table.



**QUESTION 4 (25 marks)**

Analyze the following sequential circuit by determining its transition table.

**QUESTION 5 (25 marks)**

Analyze the following sequential circuit by determining its transition table.

