	MIDTERM EXAMINATION	
	FALL 2006	Marks: 40
	CS101 - INTRODUCTION TO COMPUTING	Time: 60min

StudentID/LoginID: _____

Student Name: _____

Center Name/Code: _____

Exam Date:

Please read the following instructions carefully before attempting any of the questions:

1. Attempt all questions. Marks are written adjacent to each question.

2. Do not ask any questions about the contents of this examination from anyone.

   a. If you think that there is something wrong with any of the questions, attempt it to the best of your understanding.

   b. If you believe that some essential piece of information is missing, make an appropriate assumption and use it to solve the problem.

   c. Write all steps, missing steps may lead to deduction of marks.

**WARNING: Please note that Virtual University takes serious note of unfair means. Anyone found involved in cheating will get an `F` grade in this

For Teacher's use only											
Question	1	2	3	4	5	6	7	8	9		Total
Marks											

Question No: 1   (Marks: 1)   - Please choose one

Computer uses the scanner to

► Voice.

► Images.

► Voice and text.

► None of these

Question No: 2   (Marks: 1)   - Please choose one

Software is

► Something that can be

► Something that cannot be

► Something used only as an output

► Something used only as an input

Question No: 3   (Marks: 1)   - Please choose one

What is internet?

► A global network of networks

► A Software used to connect to some network

► A group of users

► Any network of more than two computers

Question No: 4   (Marks: 1)   - Please choose one

Which of the following is a type of system

► Device driver

► Word processor

► Write once read -only- memory

▶   Anti-Virus

Question No: 5   (Marks: 1)   -   Please choose one

HTTP is the abbreviation for:

▶   Hyper text transfer protocol

▶   Hyper text terminal protocol

▶   Hyper text transmit protocol

▶   Hyper terminal text protocol

Question No: 6   (Marks: 1)   -   Please choose one

Which of the following is called the brain of

▶   Motherboard

▶   Slots

▶   Processor

▶   Power supply

Question No: 7   (Marks: 12)

a) Convert the following numbers from decimal numbers into binary
(Marks: 6)

1. **24**
   Answer = _____
2. **55**
   Answer = _____
3. **84**
   Answer = _____

b) X, Y is Boolean variables. Determine the truth tables for the following

      (X   • Y) ′
(Marks: 6)

Question No: 8   (Marks: 12)

a) What is the difference between Desktop Computer and Super Computer? Give at three differences (Marks: 6)

b) Write an Algorithm to compute the final price of the item. It will ask two inputs from user i.e. Price of item and the sales tax rate. You have to calculate the final price of the The formulas for calculating the sales tax and final price are as

  Sales tax = (price of item) * (sales tax rate)
   Final price = (price of item) + (sales tax)
(Marks: 6)

Question No: 9   (Marks: 10)

Write the HTML code that will generate the similar page as shown below. You have to the form elements with in the