

KABARAK



UNIVERSITY

UNIVERSITY EXAMINATIONS

2009/2010 ACADEMIC YEAR

FOR THE DEGREE OF BACHELOR OF COMMERCE

COURSE CODE: BMGT 121

**COURSE TITLE: COMPUTER PROGRAMMING FOR
BUSINESS**

STREAM: Y1S2

DAY: THURSDAY

TIME: 2:00 – 4:00 P.M.

DATE: 25/03/2010

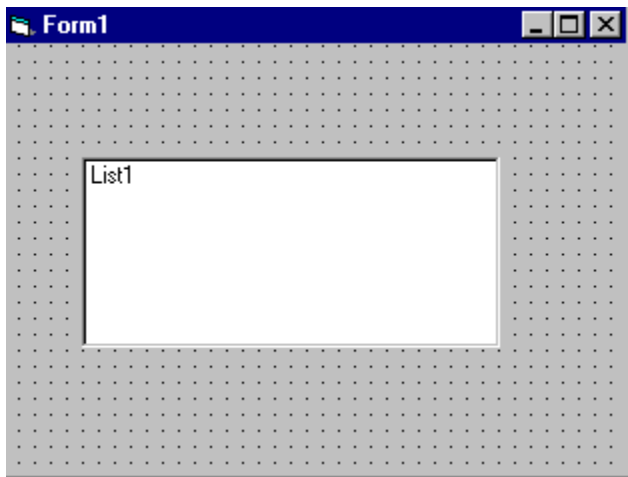
INSTRUCTIONS:

- Answer Question **ONE** and any other **THREE** Questions

PLEASE TURN OVER

QUESTION ONE:

- a. What Is a Computer? Name the operations that a computer can perform. (2mks)
- b. The following are commonly used properties, explain what each property does
 - i. Name
 - ii. Caption
 - iii. Background color
 - iv. Control box (2mks)
- c. What is the difference between the Combo box and the list box in Visual Basic programming language (2mks)
- d. Explain the following
 - i. RAM and ROM (2mks)
 - ii. Application Software and System software (2mks)
 - iii. ALU and CONTROL UNIT (2mks)
- e. What is internet? What is the business value of internet (3mks)
- f. With the help of a diagram, explain how a business enterprise can be networked. (3mks)
- g. Name any SIX components of the toolbox and explain their functions. (4mks)
- h. Write visual basic codes that are going to add the five days of the week in the list box below. (4mks)



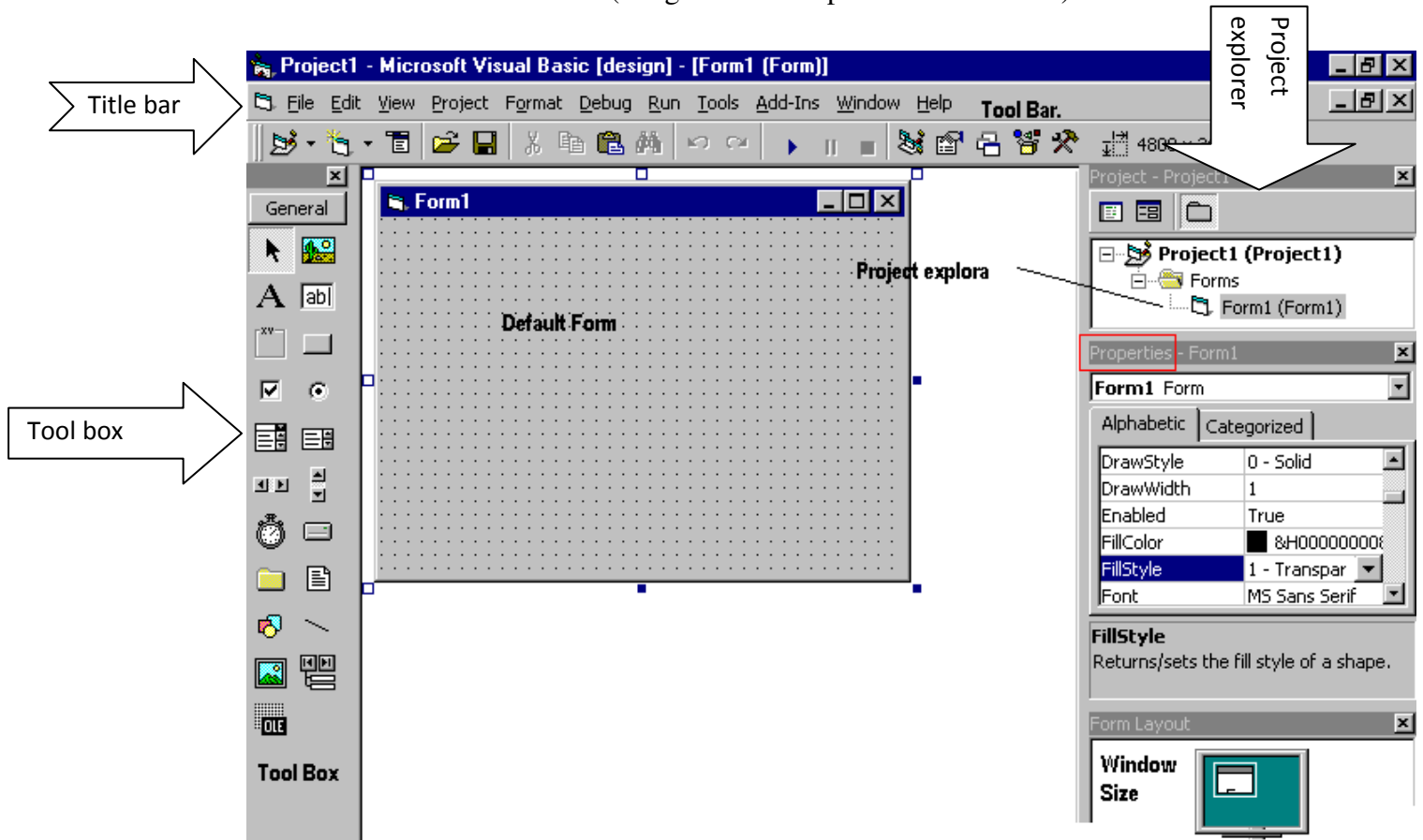
- i. While working with Visual Basic projects, there are four options available with regard to opening and saving a project. Name and explain the options (4mks)

QUESTION TWO:

a. What are computer programming languages (2mks)

b. What is an operating system and give the functions that it performs (4mks)

c. Below is the Visual Basic IDE(integrated development environment)



I. show the importance of the title bar (2mks)

II. what's the use of the project explorer (2mks)

III. give the steps to be followed to place a tool from the tool box (2mks)

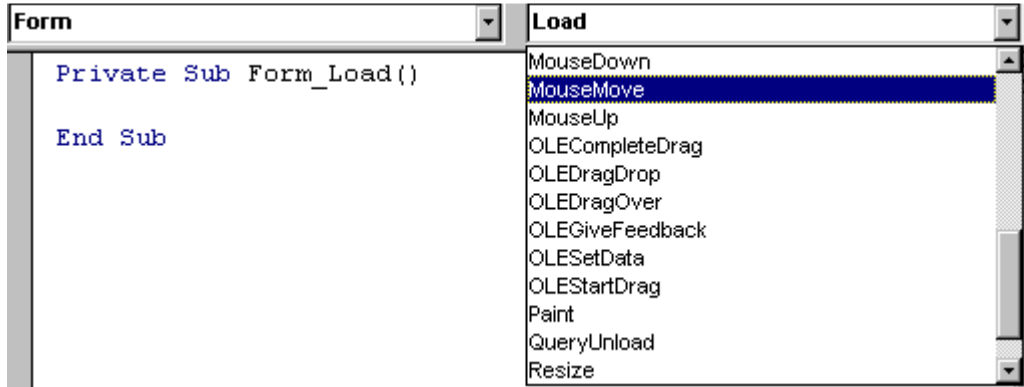
d. What are variables? How are they declared and assigned values (2mks)

e. State the rules that govern the naming of variables (2mks)

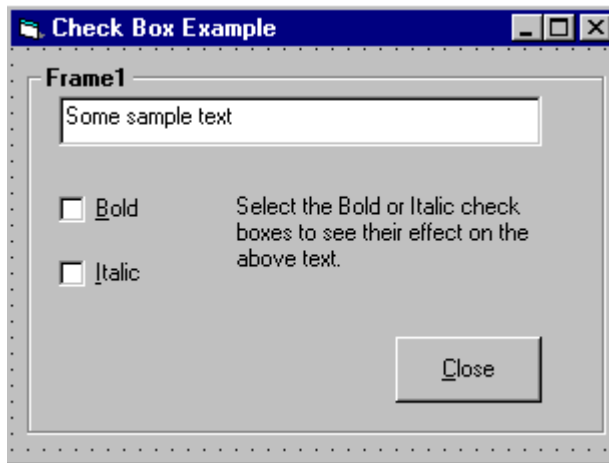
f. write a Visual Basic program to show the SELECT CASE statement (4mks)

QUESTION THREE:

- a. What is computer crime (1mark)
- b. List the security technologies that are used to ensure that the security of our information is not compromised. (4mks)
- c. (i) What is an event in Visual Basic?
(ii) Explain the diagram below (3mks)



- d. Describe the decision maker ...IF , showing the structure(flow chart), syntax, example code and how it works
 - (a) Explain it (1 mk)
 - (b) syntax and flow chart (3 mks)
- e. Write the visual basic code that will ensure that when the checkbox is selected the text in the text changes to either bold or italic.



- f. Can you explain the life cycle of a FORM. (4 mks)

QUESTION FOUR

- a. What are the advantages of using Visual Basic programming language for developing business applications over other computer programming languages. (2mks)
- b. What are the features of a computer (2mks)
- c. Name all the possible devices which can store data and information in a computer (2mks)
- d. (i) What is data? (1 mk)
(ii) What are the qualities of good data (3mks)
- e. How many generations of computers do we have. Explain each highlighting the years through which the generation lasted (4mks)
- f. Write the Visual Basic code that will produce the following output (2 mks)



- g. What are features of the visual basic editor (4mks)