



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF SCIENCE**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHALORS OF BUSINESS  
ADMINISTRATION WITH INFORMATION TECHNOLOGY**

**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER 2018/2019 ACADEMIC YEAR**

**KISUMU, NAIROBI, CAMPUSES**

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**COURSE CODE: SCS 211**

**COURSE TITLE: VISUAL BASIC PROGRAMMING**

**EXAM VENUE: STREAM (BBA, IT)**

**DATE:EXAM SESSION:**

**TIME: 2 HOURS**

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**INSTRUCTIONS:**

- 1. answer question one(compulsory) and any other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

### QUESTION ONE (30 MARKS)

- a) State the rules of declaring variables (05 marks)
- b) Differentiate between array and loop in visual basic (04 marks)
- c) State the advantages of using visual basic (04 marks)
- d) Why do programmers use function in visual basic (04 marks)
- e) What is visual basic IDE (04 marks)
- f) State the steps of creating a new visual basic program named window application (05marks)
- g) Visual Basic has three distinct modes as listed, the design time, Run time and the Break time. Discuss (06marks)

### QUESTION TWO (20 MARKS)

- a) Examine the two concepts “objects” and “properties” and show how they how are they related to each other. (05 marks)
- b) Make an over view on the term “ Visual Basic Event” and Give Some Examples of Events (05 marks)
- c) Inspect the purpose of Visual Basic file types: .vbp, .frm, .bas, and .ocx (10marks)

### QUESTION THREE (20 MARKS)

- a) In relation to visual basic, explain what is meant by an IDE (05 marks)
- b) Critically show the purpose of name property of control (10 marks)
- c) Examine the concept ActiveX Database Objects (ADO) (05 marks)

### QUESTION FOUR (20 MARKS)

- a) Every control has its properties, examine; The common properties of controls which property determines what appears on the form for Label control (04 marks)
- b) The purpose of the Caption property of the Command button and Caption property of the Form (04 marks)
- c) Explain the elements of the User Interface (04 marks)
- d) The concept cmdPush\_Click() and its meaning, what it refer and what does Click refer (08 marks)

### QUESTION FIVE (20 MARKS)

- a) Visual basic is more than just a programming language. Discuss the trueness in the statement (06 marks)
- b) Explain what is meant by a compile error, time error, logical error,, when does it occur, and what might it cause it (14 marks)

