



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS & INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
ADMINISTRATION WITH IT
2ND YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII CAMPUS-PART TIME

COURSE CODE: SCS 211

COURSE TITLE: VISUAL BASIC PROGRAMMING

EXAM VENUE:

STREAM: (BBA)

DATE:

EXAM SESSION:

TIME: 2 HOURS

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 1

(a) Explain the meaning of the following terms as applied in programming;

i) General software (4 mks)

ii) Visual basic (4 mks)

iii) Combo box (4 mks)

iv) Looping (4 mks)

(b) Explain your understanding on the use of controls in programming (Provide appropriate illustrations) (8 mks)

(c) Explain how you can create an application using visual basic programming.(6 mks)

QUESTION 2.

(a) Visual Basic is not a recent phenomenon. Discuss this statement using appropriate illustrations and examples. (12 mks)

(b) List and explain any four criticisms leveled against the performance of Visual Basic (8 mks)

QUESTION 3.

(a) Using appropriate illustrations describe the use of arrays in programming. (8 mks)

(b) The sales of a company (X) that is dealing with the manufacture of five (5) types of products (1,2,3,4 and 5) are given as Kshs.(million); 122,114.8 ,15, 111.1 and 125.6). As a computer programmer in the company, you are required to formulate a code to input the data on sales. Use an illustration. (6 mks)

(c) Explain why computer programmers would prefer to use arrays while programming large scale data (6 mks)

QUESTION 4.

(a) Critically examine the process of creating Events, Codes and Properties in a visual basic program. (14 mks)

(b) Explain how you would deal with errors. (6 mks)

QUESTION 5.

- (a) Using relevant examples/ illustrations identify and describe the significant language features of Visual Basic (12 mks)

- (b) What is the future of Visual Basic as a new area of Information technology? (8 mks)