JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF BED ARTS
2ND YEAR 1ST SEMESTER 2016/2017 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE   :   SCS 207

COURSE TITLE   :   WEB DESIGN AND PUBLISHING

EXAM VENUE   :   STREAM   :

DATE   :   APR 2017   EXAM SESSION   :

TIME   :

INSTRUCTIONS:

1. Answer Question 1 (Compulsory) and ANY other two 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) Define the following terms as used in WEB DESIGN AND PUBLISHING   *(10 marks)*

    i.   Hypertext Markup Language (HTML)

    ii.   Web server

    iii.   Web page

    iv.   Web Development

    v.   Search engine

b) What are the differences between the **Internet** and the **World Wide Web**?   *(6 marks)*

c) Identify any **FOUR** types of websites   *(4 marks)*

d) Explain the concept of security with respect to **World Wide Web**   *(10 marks)*

QUESTION TWO 20MARKS.

a) What is the difference between a web site and **URL**?   *(4 marks)*

b) Explain any **FOUR** Characteristics of an Effective Website   *(8 marks)*

c) Identify any **FOUR** Elements of a web page   *(4 marks)*

d) Name all the parts of the following web address   *(4 marks)*

    http://www.google.com/help/index.html

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QUESTION THREE 20MARKS.

a) What is a web browser?   *(1marks)*

b) Clearly explain all the **FIVE** stages of the web site development process   *(10marks)*

c) Differentiate between the **THREE** Approaches to web development   *(9 marks)*

QUESTION FOUR 20MARKS.

The Internet is easily the mostly widely used and accessible network in the world. Clearly explain the architecture of the Internet, the protocols used and how redundancies are built into the Internet.   *(20 marks)*

QUESTION FIVE 20 MARKS

Explain how SOAP as a **XML Web Services Protocols** have opened up new options for

E- Commerce