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

**SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION ARTS**

**2ND YEAR 1ST SEMESTER2016/2017 ACADEMIC YEAR**

**KISII CAMPUS-FULL TIME**

**COURSE CODE: SCS 207**

**COURSE TITLE: WEB DESIGN AND PUBLISHING**

**EXAM VENUE:**

**DATE: APRIL 2017**               **EXAM SESSION: BED**

**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 ONE

a) Differentiate between the following in web design and publishing
    i.    Relative pathnames and absolute pathnames     (2 marks)
    **ii.**    Ordered and un-ordered lists     (2 marks)

b) Analyse the following HTML code and give the output     (6 marks)

```
<UL>
<LI>Western
<LI>kakamega
<LI>Lubao
<LI>Central
<UL>
<LI>nyeri
<LI>embu
<LI>nyanza
<UL>
<LI>Homabay
<LI>Siaya
</UL>
</UL>
```

c) Explain briefly the followings terms as used in web design

    i.    URL     (2 marks)

    ii.    CGI     (2 marks)

    iii.    Internet address     (2 marks)

    iv.    ISP     (2 marks)

    v.    World Wide Web     (2marks)

    vi.    Domain name system DNS     (2marks)

d) Describe *Standard elements of a  HTML page*     *(4 marks)*

e) Explain three basic tools used during web design.     (6marks)

**QUESTION TWO**

   a) Write a HTML code to display the following "**Happy birthday**" (the font should be blue and background red) (5 marks)

   b) Discuss the role of intranet in a business enterprise (5marks)

   c) Explain the browser and give three examples of a browser. (4marks)

   d) Discuss how the internet is a blessing and a curse (6marks)

**QUESTION THREE**

   a) By use of HTML tags Write the basic HTML structure (4 marks)

   b) Explain three types of documents used in web development (6 mark)

   c)                       Discuss five internet tools.
                                (10mrks)

**QUESTION FOUR**

   a) Discuss any five limitations for using HTML as a tool for web development (10 marks)
   b)
   c) Explain importance of web design and publishing (10marks)

**QUESTION FIVE**

   a) Write a HTML code ,add events that will change the image when the user positions the mouse over the image and change back again when the mouse is moved of the image

                      (10 marks)

   b) Explain the major phases in regard to the evolution of intranet. (6marks)

   c) Discuss four challenges facing the wide use of intranet to promote business enterprises?

                      (4marks)