



KENYA METHODIST UNIVERSITY

END OF 2ND TRIMESTER 2010 EXAMINATIONS

FACULTY : **SCIENCE AND TECHNOLOGY**
DEPARTMENT : **COMPUTER SCIENCE & BUSINESS INFORMATION**
UNIT CODE : **CISY 232**
UNIT TITLE : **INTERNET APPLICATIONS AND PROGRAMMING**
TIME : **2 HOURS**

Instructions:

- Answer ALL questions in Section A and any other TWO questions in Section B.

Section A

Question One (30 Marks)

- List two benefits of the internet to organizations today. (3 mks)
- Describe any three methods of connecting to the internet. (6 mks)
- Describe five areas when designing a web site. (10 mks)
- List any four changes in XHTML from HTML (4 mks)
- What is the importance of CSS in web site construction? (2 mks)
- Differentiate between server side scripting and client side scripting. (2 mks)
- Give any three security concerns of transacting over the internet. (3 mks)

Section B (30 Marks)

Question One (15 Marks)


- i. Describe three methods of inserting CSS in a web page. (6 mks)
- ii. Write HTML code that generated the following output: (9 mks)

Employment Application
Kenya Methodist University

Which position are you applying for? *

Are you willing to relocate? *

Yes No

When can you start? * MM / DD / YYYY 

Portfolio Web Site

Attach a Copy of Your Resume

Salary Requirements Ksh

Your Contact Information

Name * First Last

Email Address *

Phone * ### - ### - ####

Question Two (15 Marks)

- i. Describe any three Internet governing bodies. (6 mks)
- ii. Write JavaScript code that would validate the following Form: (9 mks)

First Name:

Address:

Zip Code:

State:

Username(6-8 characters):

Email:

Question Three (15 Marks)

- i. With the help of a program describe how to connect PHP to a MySQL database. (5 mks)
- ii. Describe the two variables used in PHP to retrieve information from a form. (4mks)
- iii. Briefly describe SSL. (2 mks)
- iv. a) What is a web server? (2 mks)
b) What is its importance in web browsing? (2 mks)