



(Knowledge for Development)

KIBABII UNIVERSITY
(KIBU)

UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
YEAR TWO SEMESTER ONE EXAMINATIONS

FOR THE DIPLOMA IN
INFORMATION TECHNOLOGY

COURSE CODE : DIT 068
COURSE TITLE : WEB PROGRAMMING

DATE: 19/01/2022

TIME: 11.00 A.M. – 1.00 P.M.

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION #1 [24 MARKS]

- a) What is web programming [2Marks]
- b) Define the term tables in HTML and explain how they can be used a page layout [3 Marks]
- c) What is a content management software? Give any two example [3 marks]
- d) Nesting is a term used in web programming. With a HTML example of any two tags, explain the meaning of this term [4 marks]
- e) There are three ways of using CSS with HTML. Brief discuss any two ways [2 marks]
- f) Differentiate between Class and Id as applied in CSS [4 marks]
- g) What is the work of JavaScript in Web Programming [2 Marks]
- h) Differentiate between an anchor and a jumper as applied to web programming [4 Marks]

QUESTION #2 [18 MARKS]

- a) List is one of the elements used in website development. Write a HTML code that displays the following list (Kindly note that the document title Kenya University [10 marks]

Public University in Kenya

- Kibabii University
- Kenyatta University
 - Nakuru Campus
 - Nairobi Campus
 - Mombasa Campus
- University of Nairobi
- Pwani University

Private University in Kenya

- Strathmore University
- Catholic University
 - Eldoret Campus
 - Nakuru Campus
- USIU
- Pan African University

- b) Write a CSS code that should be embedded to the above HTML code that displays the list with a blue background and the font colour white. [4 Marks]
- c) State four advantages of using Iframes in HTML [4 Marks]

QUESTION #3[18 MARKS]

- a) Discuss any three advantages and three disadvantages of Content management software [12 Marks]
- b) Write the basic syntax of creating a web page [6 Marks]

QUESTION #4[18 MARKS]

- a) Define tables as used in web programming [2 Marks]
- b) Explain the difference between Colspan, Rowspan and Cellpadding as used in web programming [6 Marks]

- c) Tables can be used to set a fixed layout as well as responsive layout. Write a HTML code to demonstrate the two [6 Marks]
- d) Explain the meaning of the following tags as used in web programming [4 Marks]
- I. <td>
 - II. <tr>
 - III. <th>
 - IV. <Table>

QUESTION #5[18 MARKS]

- a) Define a form as applied to Web programming [2 marks]
- b) Discuss any three inputs that a form can have [6 Marks]
- c) Write a HTML Code to display the following website. Kindly note [10 Marks]
- The title of the website is Kibabii University
 - The website is fully responsive
 - Apply button opens the website www.apply.kibu.ac.ke
 - Send forwards the form contents to info@kibu.ac.ke
 - The table has an ID main

KIBABII UNIVERSITY P.O BOX 1699 BUNGOMA	
<p>You can apply for the following courses</p> <ol style="list-style-type: none"> 1. Bachelors <ul style="list-style-type: none"> • Education • Business Management 2. Diploma <ul style="list-style-type: none"> • Information Technology • Computer Science 3. Certificate <ul style="list-style-type: none"> • Criminology • Social Work <div style="text-align: center; margin-top: 20px;"> <input type="button" value="Apply"/> </div>	<p>Kindly fill the following form and our staff will get back to you</p> <p style="text-align: center;"> <input type="radio"/> Male <input type="radio"/> Female </p> <p>Full Names:</p> <div style="border: 1px solid black; height: 25px; width: 100%;"></div> <p>Phone Number:</p> <div style="border: 1px solid black; height: 25px; width: 100%;"></div> <div style="text-align: center; margin-top: 10px;"> <input type="button" value="Send"/> <input type="button" value="Reset"/> </div>
<p>Thank You for visiting, kindly visit our offices in Bungoma for more help or you can click here to open our main website that is www.kibu.ac.ke</p>	