UGANDA INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
END OF SEMESTER ONE EXAMINATIONS

ACADEMIC YEAR 2022/2023

DEPARTMENT: ICT

SEMESTER: ONE

PROGRAMME(S): DIPLOMA IN COMPUTER SCIENCE (DCS)
DIPLOMA IN INFORMATION TECHNOLOGY FOR BUSINESS (DITB)

YEAR OF STUDY: ONE

COURSE: WEBSITE DEVELOPMENT I

COURSE CODE : ICT111

DATE: SUNDAY 17TH, MARCH 2023

TIME: 9:00 AM – 12:00 NOON

DURATION: 3 HOURS

INSTRUCTIONS:

(i) This paper contains two Sections: A (40 marks) & B (60 marks).

(ii) Attempt ALL questions in Section A, and ONLY THREE questions in Section B.

(iii) All questions in Section B carry equal marks.

(iv) Credit will be given for use of relevant examples and illustrations.

(v) Begin each number in Section B on a new page of the answer sheet.

(vi) DO NOT write on this question paper.

WEBSITE DEVELOPMENT I

SECTION A [40 MARKS]

Attempt **ALL** the Questions in this Section.

Circle each statement below with the proper term. Clearly write your selection on your answer sheet. (Each number has 1 mark)

1. Files are transferred to and from a web server using?

A. HTTPs B. HTML C. FTP D. HTTPs

2. Which of the following is not a <form> attribute?

A. name B. action C. method D. value

3. What language is used for creating web pages?

A. Hypertext Markup Language B. High Text Markup Language
C. Hyper Tabular Markup Language D. Hyper Markup Language

4. Which type of style sheet uses <style></style**>** in the <head> section

A. Internal B. External C. Inline D. Body

5. The first page of a website is called ……

A. Design B. Home page C. First page D. Main page

6. Choose the correct HTML for height attribute and its value.

A. height=80 B. height=”80″ C. WIDE=”80″ D. WIDTH=80

7. Where in an HTML document is the correct place to put an embedded style sheet code?

A. In the <head> section B. At the end of the document
C. At the top of the document D. In the <body> section

8. How can you create an e-mail link?

A. B.
C. <mail href=" akatushabe@uict.ug "> D. <mail> akatushabe@uict.ug </mail>

9. Where is the correct place to insert a JavaScript?

A. The <body> section B. The <head> section
C. The <html> D. Both the <head> section and the <body> section

10. Which of the following links to other pages within the website domain.

A. …
B. ……
C. ……..
D. <href=”="#anchorname”> ……..

11. Clickable texts or images on a webpage are called
A. Lines B. Pages C. Clicks D. Links

12. Which is the correct CSS syntax?
A. {body:color=brown(body} B. body {color: brown;}
C. body:color=brown D. {body;color:brown}

13. How can you make a numbered list?
A. <dl></dl> B. C. <list></list> D.

14. What is the correct HTML tag for inserting a line break?
A.
 B. <lb> C. <break> D. <newline>

15. Which type of style sheet uses this link*<link rel="stylesheet" href="mystyle.css">*
A.Internal B. External C. Inline D. Body

16. In css, “color:red” can be called as _____
A. Selector B. Rule C. Declaration D. Value

17. What is the full form of HTML?
A. Hyper text markup language B. Hyphenation text markup language
C. Hyphenation test markinglanguage D.Hyper text marking language

18. Which tag is used to display the numbered list?
A. B. <dl></dl> C. D.

19. Which attribute is used with <img> tag to display the text if image could not load in browser?
A. description B. name C. alt D. id

20. Markup tags tell the web browser
A. How to organise the page B. How to display message box on page
C. How to display the page D. None of these

21. Correct HTML to left align the content inside a table cell is
A. <tdleft> B. <td raligh = "left" > C. <td align = "left"> D. <td leftalign>

22.The element of the head displays the name of the page in the caption bar of your browser.
A. <title> B. <Style> C. <Link> D. <style>

23.What are variables used for in JavaScript programs?

A. Storing numbers, dates, or other values
B. Varying randomly
C. Causing high-school algebra flashbacks
D. None of the above

24. Which of the following tags are related to Table in HTML ?

A. <table> <row> <column>
B. <table> <tr> <td>
C. <table> <head> <body>
D. <table> <header> <footer>

25. What is the usage of alt value in <img> tag?

A. Alternative text for an Image
B. Alternative source of an Image
C. Caption of an Image
D. All of above

26. Which of the following is **not** an example of browser?

A. Netscape Navigator
B. Microsoft Bing
C. Mozilla Firefox
D. Opera

27. Pick the odd one out.

A. Table
B. TR
C. TD
D. Form

28. What type of selector is used in this case? **.head1{font-family:Verdana;}**

A. class Selectors
B. element Selectors
C. id Selectors
D. none of the mentioned.

29. The following are table attributes except

A. th
B. tr
C. td
D. br

30. Where is the correct place to insert a JavaScript?

A. The <body> section
B. The <head> section
C. The <html>
D. Both the <head> section and the <body> section

31. What type of selector is used in this case? #para1{line-height:150%;}

A. class Selectors
B. element Selectors
C. id Selectors
D. none of the mentioned.

32. What should be the first tag in any HTML document?

A. <head>
B. <title>
C. <html>
D. <P>

33.Which of the following attribute specifies the URL of the linked resource?

A. src
B.link
C. rel
D. href

34. Where in an HTML document is the correct place to link an external style sheet?

A. At the end of the
B. At the top of the document
C. In the <head> section
D. In the <body> section

35.By applying an _____ a style can be applied to just a single tag
A. class rule B. element rule C. id rule D. none of the mentioned

36. CSS stands for _____

A. Color Style Sheets B. Cascade Sheets Style
C. Computer Style Sheet D. Cascading Style Sheets

37.Which of the following tags are related to Table in HTML ?
A. <table> <row> <column> B. <table> <tr> <td>
C. <table> <head> <body> D. <table> <header> <footer>

38.Which tag inserts an image in a document?
A. <image src=chicken.gif> B. < img src=" chicken.gif >
C. <img src=" chicken.gif"> D. < img=" chicken.gif >

39. Which of the following is not a file extension.
A .html B .css C .txt D .npt

40. What does the body section of an html document contain?
A. Head B. Content C. Title D. HTML

SECTION B [60 MARKS]

Attempt **ONLY THREE** Questions in this Section.

Question 1

a) A student is to design a website for a social club with many web pages connected together using hyperlinks,
   (i) What is a hyperlink? **(2 marks)**
   (ii) Give any three types of hyperlinks that can be used on the different web pages **(3 marks)**

b) Give any two attributes that appear in the image tag **(2 marks)**

c) Write a complete code that uses an image called image.jpg as a link linking to a page called gallery.html **(3 marks)**

d) Write an html code that will display the form below in a web browser **(10 marks)**

Email: [ ]

Password: [ ]

Gender

Male:○ Female:○
Check your hobbie(s)
Cycling: ☐
Reading: ☐
Singing:☐
Cooking:☐
Comments:

Reset Submit

Question 2

(a) Below is html code.

```
<H1 ALIGN="CENTER">SAFETY TIPS FOR BODA BODA RIDERS</H1>
<OL TYPE="A">
<LI>Observe traffic lights and zebra crossing</LI>
<LI>Wear a reflector jacket at all times </LI>
<LI>Wear a safety helmet</LI>
<LI>Always carry one passenger</LI>
</OL>
<H1 ALIGN="CENTER">INCASE OF AN ACCIDENT</H1>
<UL LIST- STYLE= "DISC">
<LI>Inform the police in time</LI>
<LI>Try to avoid mob justice</LI>
<LI>Call ambulance to take casualties to hospital</LI>
</UL>
```

b) Produce the output from the code. **(10 marks)**

Below is output from html code.

A TABLE OF UGANDA'S POUPLATION IN CITIES

Name	Ranking	Poulation	Popular tribe
Kampala	01	Two million	Baganda
Gulu	02	One million	Acholi

Mbarara	03	One million	Banyankole

Generate the code for the output. **(10 marks)**

QUESTION 3

a) Define a cascading style sheet and give the general syntax of a CSS rule. **(2 marks)**

b) Describe the **three** ways of adding CSS with examples. **(10 marks)**

c) Create a CSS file with the following styles:

All body text should be rendered a size of 12 px, Arial font, with a Green color and table cellspacing and cell padding a size of 10px. **(8 marks)**

Question 4

a) i) What is a web browser **(2 marks)**

ii) List any **four** examples of web browsers **(2 marks)**

b) i) What is a website **(2 marks)**

ii) Give **four** purposes of websites **(4 marks)**

c) What do the following CSS rules mean? **(10 marks)**

(i)
```
ul{
background-color:yellow;
font-family:Times New Roman;
text-color:blue;}
```

(ii)
```
table,tr,th{
background: pink;
padding: 10px;}
```

Question 5

a) Differentiate between a home page and webpage **(2marks)**

b) b) Briefly describe each of the following terms as used in web development **(2 marks @)**

(i) Text editor with examples.
(ii) Cascading Style Sheets
(iii) Comments
(iv) CSS Box model

c) Clearly identify errors in the following html code? (4 marks)

```
<html>
<head>
<title>Website development</title>
<head>
<body> <H1>

My first Heading
<P1>
My first Paragraph
</body>
<html>
```

d) Write the above code correctly with proper indenting. **(6 marks)**

END