



# SLIATE

**SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION**

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

## Higher National Diploma in Information Technology

**First Year, First Semester Examination – 2022**

### **HNDIT 1022-Web Design**

Instructions for Candidates:

Answer any (05) questions.

No. of questions: 06

No. of pages: 04

Time: Three (03) hours

**Q1.**

- 1) What is World Wide Web? [02 Marks]
- 2) What is an URL and Name each piece (A to D) of the given URL/Web address [04 Marks]

https://www.hardyati.edu.lk/hndit/result.html

A                                      B                                      C                                      D

- 3) What is FTP? Explain how FTP works. [06 Marks]
- 4) Fill in the blanks with suitable words from the given list. [08 Marks]  
(Protocols, Server, FTP, Hypertext, Website, internet, Hyperlink, URL, Web Page, W3C, browser compatibility, WWW, Web Hosting, SGML, Domain)
  - a. .... is a global network of billions of computers and other electronic devices.
  - b. The global terms and international standards of HTML was maintained by.....
  - c. ....refers to the ability of a certain website to appear fully functional on different browsers that are available in the market.
  - d. The set of rules that decide the functioning of a network is called.....
  - e. .... is a standard naming convention used for accessing resources over the internet.
  - f. ....is a collection of related web pages.
  - g. .... is a computer that provides services to other programs or computers.
  - h. .... is a reference to a document that the reader can directly follow, or that is followed automatically

**[Total 20 Marks]**

1) What is meant by a web browser? Give an example.

[02 Marks]

2) Mention the purpose of the following HTML tags.

[04 Marks]

- <IMG>
- <DL>
- <DIV>
- <SUP>

3) What is the output of the following.

[06 Marks]

```
<HTML>
<BODY>
<H1>SAFETY TIPS FOR CANOEISTS</H1>
<OL type="a" start="2">
  <LI>Be able to swim </LI>
  <LI>Wear a life jacket at all times </LI>
  <LI>Don't stand up or move around. If canoe tips</li>
  <UL type="square">
    <LI>Hang on to the canoe </LI>
    <LI>Use the canoe for support</li>
    <LI>Swim to shore</li>
  </UL>
  <LI>Don't overexert yourself </LI>
  <LI>Use a bow light at night </LI>
</OL>
</BODY>
</HTML>
```

4) Write the html code to create the following table.

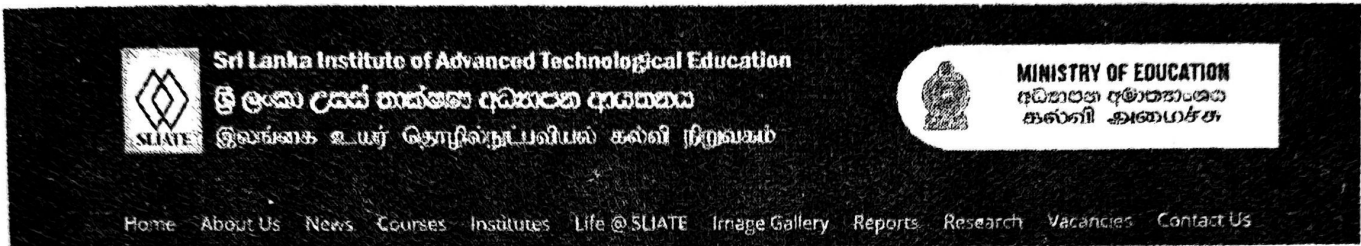
[08 Marks]

First Year First Semester	
HNDIT	IT 1022
	IT 1023
	IT 1024
HNDA	AC 1101
HNDM	DM 1100
	DM 1110

[Total 20 Marks]

Q3.

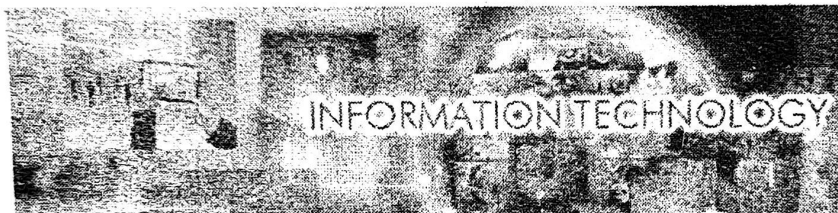
- 1) Write two types of wireframes. [02 Marks]
- 2) Explain the two types of wireframe design. [04 Marks]
- 3) Write three examples for each of the free and paid wireframe tools. [06 Marks]
- 4) Sketch the wireframe design for the given web page. [08 Marks]



Notice

**FIRST SEMESTER EXAM TIME TABLE 2022 CLICK HERE FOR MORE INFORMATION**

HIGHER NATIONAL DIPLOMA IN INFORMATION TECHNOLOGY - (HNDIT)



**[Total 20 Marks]**

Q4

- 1) Write two (02) benefits of using CSS for a web site. [02 Marks]
- 2) How to insert CSS into a web page? Explain your answer with suitable examples for each of the different forms. [06 Marks]
- 3) State two (02) advantages of keeping CSS in an external file. [04 Marks]
- 4) Write HTML code for a webpage which displays "Hello World" with **font size 20 pixels, bold format, in "Times New Roman" font and green in colour** using external CSS. (Selector should be matched with the element by Identifier) [08 Marks]

**[Total 20 Marks]**

Q5.

- 1) What is the difference between programming and scripting language? [02 Marks]
- 2) Write two (02) uses of Client-Side Scripting. [04 Marks]

3) What is the output of the following code in JavaScript?

[03 Marks]

```
<script>
for(i=1;i<=10;i++)
{
  If(i==8)
    break;
  var x=Math.pow(i,2);
  document.writeln(x);
}
</script>
```

4)

a. Write a html code to display the following form.

[05 Marks]

**Order Form**

Unit price

Quantity

Total price

b. Write a JavaScript function to find the total price and display it in the appropriate text box.

[06 Marks]

**Important-** When you click the “Total Price” button to display the total price in the textbox. (Total price=Quantity\*Unit price)

[Total 20 Marks]

**Q6.**

- 1) Write two (02) advantages and disadvantages of dynamic website. [04 Marks]
- 2) What is Photoshop used for? [02 Marks]
- 3) What is Domain Name System (DNS)? [02 Marks]
- 4) What is web hosting? List two (02) type of Web Hosting [04 Marks]
- 5) What is email service? List three (03) importance of email service. [08 Marks]

[Total 20 Marks]