



Higher National Diploma in Information Technology

First Year, First Semester Examination – 2021

HNDIT 1022-Web Design

Instructions for Candidates:

No. of questions: 06

Answer any (5) questions.

No. of pages: 06

Time: Three (03) hours

Q1.

is an Int

1) What is Internet? [02 Marks]

2) Who is the inventor of World Wide Web? List down his two other inventions. [04 Marks]

3) What did you understand by browser capability? [06 Marks]

4) Fill in the blanks with suitable words from the given list. [08 Marks]

(Web Hosting, Web browser, Web servers, HTTP, File Transfer Protocol, Mail, Client, Web publishing, Hypertext, HTTPS, Universal Resource Locator, Hyperlink, Uniform Resource Locator, Bluehost, Internet)

a.HTTP..... is the standard for transferring encrypted data on the web

b. web..Browser.... is the software application for retrieving, presenting, and traversing information resources on the World Wide Web

c. DreamHost is one of the web..hosting.....service

d.FTP..... is a network protocol for transmitting files between computers over Transmission Control Protocol/Internet Protocol (TCP/IP) connections

e.web..server?.... includes building and uploading websites, updating the associated webpages, and posting content to these webpages online.

f. URL means Uniform..Resource..Locator

g.HyperLink..... is a reference to a document that the reader can directly follow, or that is followed automatically

h.Server..... handle access permission, execute programs, keep track of directories and files and communicate with client computers.

[Total 20 Marks]

Q2.

- 1) What does HTML stand for? [02 Marks]
- 2) What are the main four tags included in every HTML document? [04 Marks]
- 3) Write the html code to create the following list.
(Hint-Font sizes are mentioned bellow)

Nested Lists (h1 size)

Popular Cat Names (h2 size)

- **UK (h3 size)**
 1. Tikky
 2. Rokky
 3. Max
 4. Smokey
 5. Sam
- **Australia (h3 size)**
 1. Oscar
 2. Max
 3. Nile
 4. Sam
 5. Misty

- 4) What is the output of the following?

[08 Marks]

```
<!doctype html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>tableSpan.html</title>
</head>
<body>
<h1>Spanning rows and columns</h1>
<table border = "1">
<caption><p>My Daily Schedule</p></caption>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
```

```

<tr>
<th>Breakfast</th>
<td>In rest</td>
<td>with friend</td>
<td>In rest</td>
<td>in rest</td>
<td>in rest</td>
</tr>
<tr>
<th>Morning</th>
<td colspan = "2">Design traps</td>
<td colspan = "3">Improve Hideout</td>
</tr>
<tr>
<th>Afternoon</th>
<td>train minions</td>
<td>train minions</td>
<td>train minions</td>
<td>train minions</td>
<td rowspan = "2">world domination</td>
</tr>
<tr>
<th>Evening</th>
<td>maniacal laughter</td>
<td>maniacal laughter</td>
<td>maniacal laughter</td>
<td>maniacal laughter</td>
</tr>
</table>
</body>
</html>

```

[Total 20 Marks]

Q3.

- 1) What is wireframe? [02 Marks]
- 2) Why designer use wireframe? [04 Marks]
- 3) Explain any three standard elements on wireframe. [06 Marks]
- 4) Sketch the wireframe design for the given web page. [08 Marks]

[Total 20 Marks]

Q4.

- 1) What are the different ways to insert a CSS into your web content? [02 Marks]
- 2) What code would you use to create a style sheet to specify 30-point Arial italic headings(h1) and all other text in 10-point Times New Roman? [06 Marks]
- 3) If you saved the separate style sheet you made for Question 2 as myownstyle.css, how would you apply it to a web page named homepage.html? [04 Marks]
- 4) Consider the below output and fill the blanks in the given internal stylesheet. [08 Marks]

Artificial Intelligence

(class)
Artificial Intelligence (AI) is a trending technology that takes first place in the list of top 10 latest technologies in computer science of 2021. AI technology involves machine intelligence, which is as smart and intelligent as the human brain and reacts like humans.

(Today) Today, AI contributes to society numerously, for example, in the form of virtual assistants such as Google Assistant, Siri, Cortana, and Alexa.

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