

**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 -2019****HNDIT 1106 –Web Development**

Instructions for Candidates:

Part A is compulsory

Select any three from part B

No. of questions : 05

No. of pages : 06

Time : Two (02) hours

Part A

Select the most suitable answer

- I. Which of the following statements is false?
- You can make a website without using HTML
 - You can make a website without using PHP
 - You can make a website without using CSS
 - You can make a website without using Javascript
- II. What is the use of Forms in HTML?
- To display contents of email.
 - To display animation effect.
 - To collect user's input.
 - None of the Above.
- III. To join the internet, the computer has to be connected to a
- Internet architecture board
 - Internet society
 - Internet service provider
 - None of the mentioned
- IV. Internet access by transmitting digital data over the wires of a local telephone network is provided by
- Leased line
 - Digital subscriber line
 - Digital signal line
 - None of the mentioned
- V. Which one of the following protocol is not used in internet?
- HTTP
 - DHCP
 - DNS
 - None of the mentioned

VI. CSS is an acronym for

- a. Cascading Style Sheet
- b. Costume Style Sheet
- c. Cascading System Style
- d. None of the Above

Table 7
427

VII. How to define target in new page in HTML?

- a. `Click Here`
- b. ` Click Here `
- c. ` Click Here `
- d. ` Click Here `

VIII. Which of the following is correct IP address?

- a. 192.-24.35.1
- b. 226.67.84.65
- c. 212.43.78.62
- d. 1.56.73.300

IX. Which of the following is not a web hosting company?

- a. Hostgator
- b. Blue Host
- c. WPX Hosting
- d. Facebook

X. is the simplest form of web site, in which the site's content is delivered without the use of server side processing

- a. E- Commerce Web site
- b. Dynamic Web site
- c. Social networking Web sites
- d. Static Web sites

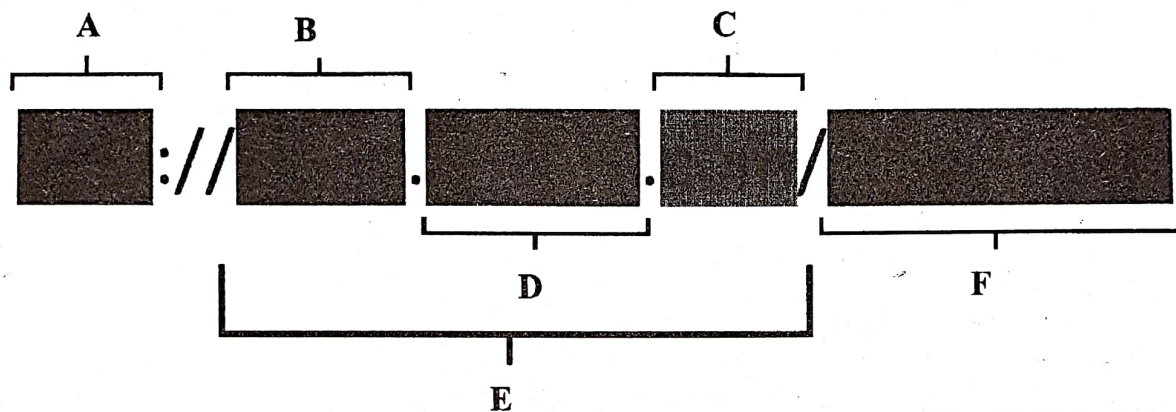
XI. State whether the following sentences are True or False

- a. HTTP is a markup language. False
- b. FTP is a set of rules that allows files to be exchanged on the Internet. true
- c. Some high schools have a computer network that does not allow communication with the outside world. This is called an Extranet.
- d. The computer network that began the Internet was called ARPAnet
- e. The Web consists of a series of computers linked together with cables. true

Part B

Q2.

- I. What is a computer network? (03 Marks)
- II. Explain how TCP/IP works. (04 Marks)
- III. What is Internet Governance? (04 Marks)
- IV. Write two examples for each Wired and Wireless internet connection Types. (04 Marks)
- V. Give two advantages and disadvantages of wireless internet connection. (04 Marks)
- VI. Name Component in the following URL (06 Marks)



(Total 25 Marks)

Q3.

- I. Write three basic types of web sites. (03 Marks)
- II. Compare and contrast Static and Dynamic Web sites. (04 Marks)
- III. What is social networking? Give two examples. (04 Marks)
- IV. Write four features of E-Commerce web sites. (04 Marks)
- V. There are two types of enemies affected to computer security, what are they and briefly explain each of them. (04 Marks)
- VI. Briefly explain three types of vulnerabilities. (06 Marks)

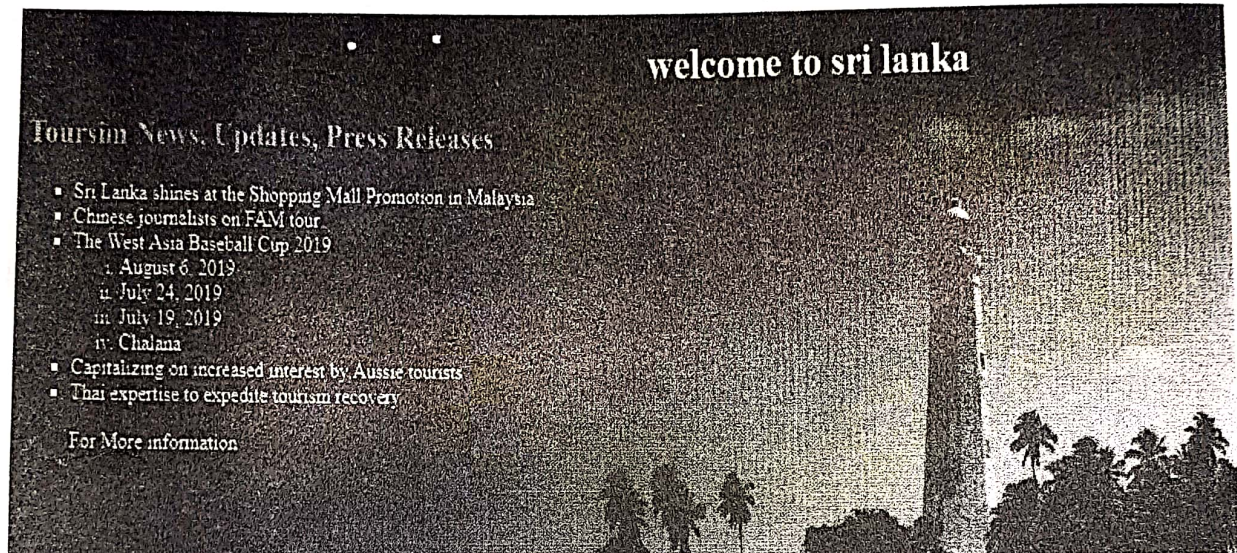
(Total 25 Marks)

Q4.

- I. What is standard for HTML? Briefly explain it. (03 Marks)
- II. Explain the following terms giving an example for each. (04 Marks)
 - a. Web browser
 - b. Search engine
- III. State two attributes for the following HTML tags. (04 Marks)
 - a. `<Table>`
 - b. `<HR>`
- IV. Write the HTML programme to generate the web page, According to the following instructions.

Instruction for page formatting

Content	Instruction
Page Title	Sri Lankan tourism
Background image	Background.jpg
Welcome to Sri Lanka	Header level 1 Alignment = center
Tourism News, Updates, Press Releases	Header level 2
For more information link	www.Tourismlanka.lk
All text should be white color	



(14 Marks)

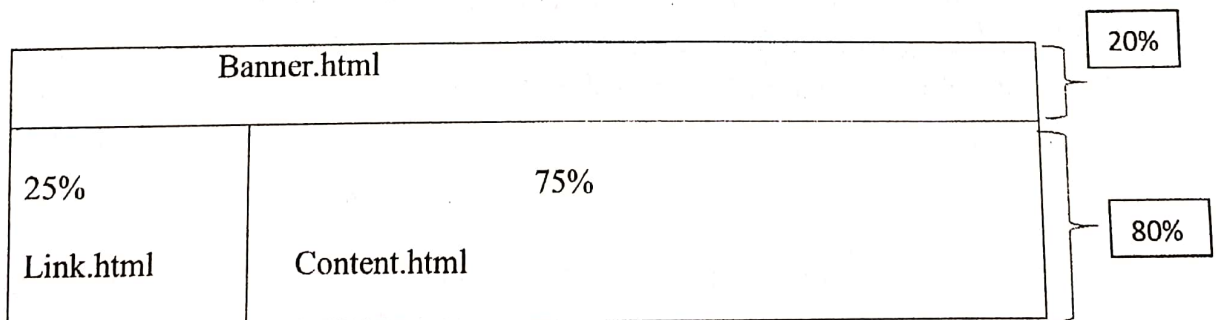
(Total 25 Marks)

Q5.

- I. What are the three ways to insert CSS into an html page?
- II. Write coding to create the following frameset.

(03 Marks)

(04 Marks)



- III. Write an html programme to create the given form.
(Password characters should be hidden)

(04 Marks)

User Name:

Password:

IV. Sketch the output of the given coding

(14 Marks)

```
<html >
<head>
<title>Time Table</title>
</head>
<body>
<table width="660" height="335" border="1">
  <caption> <B>
    HNDIT Class Time Table 2019 1st semester
  </B> </caption>
  <tr>
    <th colspan="7" align="center">Time Table</th>
  </tr>
  <tr>
    <th width="120" rowspan="6">Hours</th>
    <th>Date</th>
    <th>Mon</th>
    <th>Tue</th>
    <th>Wed</th>
    <th>Thu</th>
    <th>Fri </th>
  </tr>
  <tr>
    <td>8.30 - 10.30</td>
    <td>SP</td>
    <td>WD</td>
    <td>DBMS</td>
    <td>SP</td>
    <td>Maths</td>
  </tr>
  <tr>
    <td>10.30 -12.30</td>
    <td>HW</td>
    <td>Eng</td>
    <td>WD</td>
    <td>Eng</td>
    <td>DSA</td>
  </tr>
  <tr>
    <td>12.30 - 1.00</td>
    <th colspan="5" align="center">Lunch</th>
  </tr>
```

Time Table						
Hours	Date	Mon	Tue	Wed	Thu	Fri

```
<tr>
  <td>1.00 -3.00</td>
  <td>SP</td>
  <td>DSA</td>
  <td>WD</td>
  <td>DBMS</td>
  <td>Eng</td>
</tr>
<tr>
  <td>3.00 - 5.00</td>
  <td>HW</td>
  <td>DBMS</td>
  <td>DSA</td>
  <td>maths</td>
  <td>WD</td>
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```