



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

Second Term Examination- 2018



Sub: Computer Science

Class: VII

F.M.: 70

Duration: 2 Hours

25<sup>th</sup> July, 2018

## GROUP A

1. Choose the correct option:

[1×5=5]

- (i) A device used to connect multiple networks.  
(a) Switch (b) Bridge (c) Hub (d) Nodes
- (ii) A device used to transfer signals to a longer distance.  
(a) Bridge (b) Repeater (c) Switch (d) Router
- (iii) A pen drive is a \_\_\_\_\_ storage media.  
(a) Primary (b) Secondary (c) Data (d) None of these
- (iv) The tag which defines crossed out text:  
(a) <strike> (b) <sup> (c) <strong> (d) <abbr>
- (v) \_\_\_\_\_ tag is used to give horizontal lines between text.  
(a) <HR> (b) <BR> (c) <FONT> (d) <STRIKE>

2. Answer the following questions:

(i) Mention the full form of:

[1×5=5]

- (a) NIC (b) TCP/IP (c) WAN (d) HTML (e) FTP

(ii) Fill in the blanks:

[1×5=5]

- (a) \_\_\_\_\_ helps people in offices to share a printer.
- (b) The process of recording data onto CDs is called \_\_\_\_\_
- (c) To create a line break in HTML the \_\_\_\_\_ tag is used.
- (d) HTML stands for \_\_\_\_\_
- (e) When both ON and OFF tags are present in an HTML tag, it is called a \_\_\_\_\_ tag.

(iii) What are the following HTML tags used for?

[1×5=5]

- (a) <abbr> (b) <ins> (c) <u> (d) <sub> (e) <del>

## GROUP B

3. Answer the following questions: [Any Ten]

[2×10=20]

- (i) What is a 'Bridge'?
- (ii) What do you mean by the term 'Switch'?
- (iii) Define a 'LAN'.
- (iv) What are Protocols in Networking?
- (v) What is a Malware?

- (vi) Define Antivirus.
- (vii) What do you understand by the term 'Burning Data'?
- (viii) What is the function of <TITLE> tag in HTML?
- (ix) What is Floppy disk?
- (x) Mention the full form of URL.
- (xi) What is Uploading?
- (xii) Name two secondary storage device.

**GROUP C**

4. Answer the following questions: [Any Six]

[5×6=30]

- (i) Write a short note on HTML editor.
- (ii) What are Protocols? Name some commonly used protocols.
- (iii) What is the structure of an HTML document? Give an example to illustrate it.
- (iv) Discuss different types of computer viruses.
- (v) How can you transfer files onto a CD?
- (vi) Discuss the code to change the Text colour and Background colour of an HTML page.
- (vii) Write five ways in which you can protect your computer from viruses.
- (viii) Write a program in HTML to show 'I Love My World' seven times in separate lines, in seven sizes.



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

Second Term Examination- 2018



Sub: Computer Science

Class: VII

F.M.: 70

Duration: 2 Hours

Date: 25<sup>th</sup> July, 2018

## SOLUTION

### GROUP A

#### 1. Choose the correct option:

(i) A device used to connect multiple networks.

Answer: (b) Bridge

(ii) A device used to transfer signals to a longer distance.

Answer: (b) Repeater

(iii) A pen drive is a \_\_\_\_ storage media.

Answer: (b) Secondary

(iv) The tag which defines crossed out text:

Answer: (a) <strike>

(v) \_\_\_\_ tag is used to give horizontal lines between text.

Answer: (a) <HR>

#### 2. Answer the following questions:

##### (i) Mention the full form of:

(a) NIC: Network Interface Cards.

(b) TCP/IP: Transmission Control Protocol / Internet Protocol

(c) WAN: Wide Area Network

(d) HTML : Hyper Text Markup Language

(e) FTP: File Transfer Protocol

##### (ii) Fill in the blanks:

(a) LAN helps people in offices to share a printer.

(b) The process of recording data onto CDs is called Burning.

(c) To create a line break in HTML the <br> tag is used.

(d) HTML stands for Hyper Text Markup Language

(e) When both ON and OFF tags are present in an HTML tag, it is called a Container tag.

**(iii) What are the following HTML tags used for?**

- (a) <abbr> : Defines an Abbreviation.
- (b) <ins> : Defines Inserted Text
- (c) <u>: Defines Underlined Text
- (d) <sub>: Defines Subscripted Text
- (e) <del>: Defines Deleted Text

**GROUP B**

**3. Answer the following questions:**

(i) What is a 'Bridge'?

A bridge is used to connect multiple networks. The information is not automatically copied to all the computers but the bridge first examines the port that asks for the information.

(ii) What do you mean by the term 'Switch'?

A switch helps in switching between ports that are connected with the help of cables.

(iii) Define a 'LAN'.

It is used to connect computers over a small area, like an office, a factory complex or a building.

(iv) What are Protocols in Networking?

In every network, there are rules that control the sending and receiving of data. These rules are called protocols.

(v) What is a Malware?

The collective term for various types of harmful computer software.

(vi) Define Antivirus.

A computer software used to identify and remove computer viruses.

(vii) What do you understand by the term 'Burning Data'?

Recording of a sequence of tracks or set of data onto a blank CD

(viii) What is the function of <TITLE> tag in HTML?

The <TITLE> tag is used to provide title to the web page.

(ix) What is Floppy disk?

A flat disk inside a plastic cover that is used to store data and that can be removed from the computer.

(x) Mention the full form of URL.

Uniform Resource Locator.

(xi) What is Uploading?

Sending a file of information from a remote computer.

(xii) Name two secondary storage device.

Floppy disk, CD-ROMs, DVD, Pen drive etc.

#### GROUP C

#### 4. Answer the following questions:

(i) Write a short note on HTML editor.

Page: 125. Hints: **WYSIWYG** editor and **Text** editor.

(ii) What are Protocols? Name some commonly used protocols.

Page: 51-52. Hints: In every network, there are rules that control the sending and receiving of data.

These rules are called protocols. Examples: **HTTP, FTP, TELNET, SMTP.**

(iii) What is the structure of an HTML document? Give an example to illustrate it.

Page: 124. Hints: Mention about **<html>**, **<head>**, **<body>**, **<title>** tag. Basic structure.

(iv) Discuss different types of computer viruses.

Page: 53. Hints: **Program viruses, Boot viruses and Macro viruses.**

(v) How can you transfer files onto a CD?

Page: 62-63. Hints: Open Nero, Make Data CD, Add content, Next, Burning process.

(vi) Discuss the code to change the Text colour and Background colour of an HTML page.

Page: 135.

Syntax: Changing text/font colour: **<BODY TEXT="BLUE">**

Changing the Background colour: **<BODY BGCOLOR="GREEN">**

(vii) Write five ways in which you can protect your computer from viruses.

Page: 54. Hints: Automatic Protection On, Manual Scan, Update Antivirus regularly, Backup of data.

(viii) Write a program in HTML to show 'I Love My World' seven times in separate lines, in seven sizes.

Page: 139.

Syntax: **<FONT COLOR=blue SIZE= 3>**