



**ST. LAWRENCE HIGH SCHOOL**  
A JESUIT CHRISTIAN MINORITY INSTITUTION



**First Term Examination - 2018**

**Class : 8**

**SUB: Computer Science**

**F.M.75**

**DURATION: 2 Hrs**

**DATE:16.04.2018**

**GROUP - A**

**1) Choose the correct option :**

**(5X1=5)**

- i) The full form of CU is :  
(a) Control Unit (b) Central Unit (c) Coordination Unit (d) None of these
- ii) Numbered list is also known as:  
(a) Unordered List (b) Ordered List (c) Both (a) & (b) (d) None of these
- iii) The buttons that are used when user needs to select a limited number of options:  
(a) Text (b) Tag (c) Radio (d) None of these
- iv) URL stands for:  
(a) Uniform Resource Locator (b) Universal Resource Location  
(c) Uniform Resource Location (d) Universal Resource Locator
- v) Example of Secondary storage device:  
(a) Zip Drive (b) RAM (c) BUS (d) All of these

**2) State TRUE or FALSE:**

**(4X1 = 4)**

- i) A CPU has 2 main parts - CU and ALU ----
- ii) A definition list starts with a <DL> tag ---
- iii) A dropdown box is a selectable list ---
- iv) We can display more than one HTML document in the same browser window with the help of forms ---
- v) Noresize attribute helps user to resize the frames ---

**3) Fill in the blanks :**

**(4X1=4)**

- i) GPS receives & transmits signals through \_\_\_\_\_
- ii) We can insert images in an HTML document by using \_\_\_\_\_ tag

GROUP - C

5) Answer the following: (Any 7)

(7x5=35)

i) What are the following tags used for in HTML.

- (a) <TABLE> tag
- (b) <TD> tag
- (c) <TR> tag
- (d) <TH> tag
- (e) <A HREF = > tag

(5)

ii) Write one HTML code to create a simple drop down of the continents of the world. (5)

iii) Write a code in HTML to display the following:

**Science**

- i. Physics
- ii. Chemistry
- iii. Mathematics

**Commerce**

- Accounting
- Business Studies
- Financial Accounting

(5)

iv) Write a short note on GPS. (5)

v) What do you know about registers? (5)

vi) How the CPU and the memory work together to execute a program? (5)

vii) Write the full forms of the following:

- a) CD - ROM
- b) DVD
- c) WORM
- d) MODEM
- e) RAM

(5)

viii) What do you know about optical disk? (5)

ix) What is edutainment? What is its utility? (5)

\*\*\*



**ST. LAWRENCE HIGH SCHOOL**  
**FIRST TERM TEST – 2018**  
**CLASS – VIII**

F.M.-75  
DATE -16.04.2018

**SUBJECT – COMPUTER SCIENCE SOLUTION**  
**DURATION – 2 HOURS**

---

**GROUP - A**

- 1) **Choose the correct option :** (5X1=5)
- i) The full form of CU is :  
(a) Control Unit (b) Central Unit (c) Coordination Unit (d) None of these
  - ii) Numbered list is also known as:  
(a) Unordered List (b) Ordered List (c) Both (a) & (b) (d) None of these
  - iii) The buttons that are used when user needs to select a limited number of options:  
(a) Text (b) Tag (c) Radio (d) None of these
  - iv) URL stands for:  
(a) Uniform Resource Locator (b) Universal Resource Location  
(c) Uniform Resource Location (d) Universal Resource Locator
  - v) Example of Secondary storage device:  
(a) Zip Drive (b) RAM (c) BUS (d) All of these
- 2) **State TRUE or FALSE:** (4X1 = 4)
- i) A CPU has 2 main parts - CU and ALU ---- True
  - ii) A definition list starts with a <DL> tag --- True
  - iii) A dropdown box is a selectable list --- True
  - iv) We can display more than one HTML document in the same browser window with the help of forms --- False
  - v) Noresize attribute helps user to resize the frames --- False
- 3) **Fill in the blanks:** (4X1=4)
- i) GPS receives & transmits signals through Satellites
  - ii) We can insert images in an HTML document by using <img> tag

- iii) In most browsers, the width of the text field is 20 characters by default
- iv) A hyperlink connects one document to another
- v) GPS stands for Global Positioning System
- vi) Inkjet printer sprays ink through tiny holes to form the pattern of the character on paper
- vii) The alt attribute is used to define a/an alternate text for an image
- viii) We can specify the row by using the <TR> tag
- ix) The Minitel is an online service accessible through telephone lines
- x) Horizontal frameset defines how many different documents can be shown horizontally

### GROUP- B

4) Answer the following(ANY 10):

(10X2=20)

i) Write briefly about the steps of instruction time or I – time.

- A: 1. The Control unit of the CPU takes instructions from the memory and decodes them  
2. The required data is then transferred to the ALU

ii) What is the need of secondary storage?

- A: The secondary storage is required to store the data permanently or for a longer period of time

iii) Suppose you want to list in order 4 stationary items starting with the number 'iv' instead of 'i'. Write the HTML code for doing the same.

A: 

```
<BODY>
<OL TYPE = i START = 4>
<LI> ERASER
<LI> COPY
<LI> PENCIL
<LI> CHART PAPER
</OL>
</BODY>
```

iv) What do you know about definition list?

- A: A Definition list is a list of items with a description of each item. It is useful in works like a dictionary where there are words and their meanings listed without numbers or bullets.

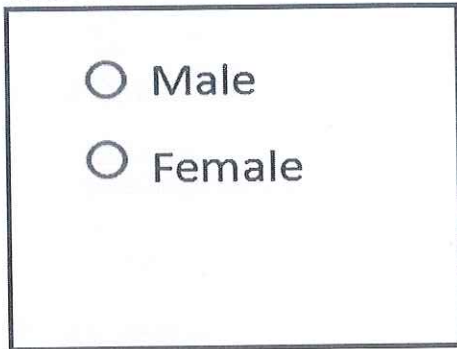
v) Write the HTML code to insert an image stored as "car.jpeg" inside D: drive.

A: 

```
<HTML>
<BODY>
<img src = "D:\car.jpeg">
```

```
</BODY  
</HTML>
```

vi) Write a code in HTML to show the use of radio buttons to display the following:



○ Male  
○ Female

A: 

```
<form>  
<input type = "radio" name = "sex" value = "male" /> Male  
<br>  
<input type = "radio" name = "sex" value = "female" /> Female  
</form>
```

vii) What is the use of noresize tag in frameset?

A: The noresize tag is used to prevent the user from resizing the frames.

viii) Write the names of at least 4 elements of an HTML form.

A: 

1. Text fields
2. drop-down menus
3. radio buttons
4. checkboxes

ix) Write a short note on any one input device.

A: Short note can be written on any input devices such as, keyboard, mouse etc.

x) Differentiate between dot matrix and inkjet printer.

A: Dot Matrix Printers produce images with the help of dots arranged to form the letter, number, line or any other character whereas Inkjet Printers stores ink in a container, which they spray through tiny holes to form the pattern of the character on paper.

xi) What are hyperlinks in HTML?

A: A hyperlink is a link that connects one document to another, either within a document or to another one outside it. It is a reference to or an address of a resource on the web.

xii) With proper example show the use of target attribute.

A: The target attribute defines where the linked document will be opened.

For example, if we set the target attribute of a link to “\_blank”, the link will open in a new window.  
<a href = “firstpage.htm” target = “\_blank”> First Page </a>

### GROUP – C

5) Answer the following: (Any 7)

(7x5=35)

i) **What are the following tags used for in HTML.**

- (a) <TABLE> tag – Used to create a table in HTML
- (b) <TD> tag – Used to add data inside a table
- (c) <TR> tag – Used to specify row
- (d) <TH> tag – Used to define header cell
- (e) <A HREF = > tag – Used to do hyperlink

(5)

ii) **Write one HTML code to create a simple drop down of the continents of the world. (5)**

A: <html>  
<body>  
<form action = “ ”>  
<select name = “Asia”>  
<option value = “Asia”> Asia</option>  
<option value = “Africa”>Africa</option>  
<option value = “Europe”>Europe</option>  
<option value = “Australia”> Australia</option>

iii) **Write a code in HTML to display the following:**

**Science**

- i. Physics
- ii. Chemistry
- iii. Mathematics

**Commerce**

- Accounting
- Business Studies
- Financial Accounting

(5)

iv) **Write a short note on GPS.**

(5)

A: Acronym for Global Positioning System a GPS system involves a receiver that receives and transmits signals through a satellite. It is used primarily for locating the position or location of the user. The GPS system is used in many fields of study like vehicle tracking system, navigation, mapping and survey.

v) **What do you know about registers?** (5)

A: Registers are temporary storage areas for instructions or data. They are not a part of memory, but are special locations for storing data. They make storage very fast. The Control unit(CU) directs registers to accept, hold, and transact pieces of data or information so that ALU can perform operations at high speed. The CU uses a data storage register in the same manner as a shopkeeper uses a cash register, to note down daily transactions, temporarily.

vi) **How the CPU and the memory work together to execute a program?** (5)

vii) **Write the full forms of the following:**

- a) **CD – ROM** - Compact Disk – Read Only Memory
- b) **DVD** – Digital Versatile Disk/ Digital Video Disk
- c) **WORM** – Write Once Read Many
- d) **MODEM** – Modulator - demodulator
- e) **RAM** – Random Access Memory

(5)

viii) **What do you know about optical disk?** (5)

A: The secondary storage devices, CD-ROMs and DVDs are known as optical disks, where data can be stored and retrieved with light. When the light of a laser beam falls on a pattern of pits drawn on an optical disk, data is read. The most common kinds of optical disk are:

CD – ROM

DVD

WORM

ix) **What is edutainment? What is its utility?** (5)

A: Some computer programs simulate real-life situations. One can learn to play any sport like cricket, football, golf, etc. using a mouse or a joystick. Simulation programs help people to learn a skill so that they can do that task in real life. The mixture of education and entertainment is called edutainment.

\*\*\*