



# ST. LAWRENCE HIGH SCHOOL



1st Term - 2018

Sub: Computer Science

Class: V

F. M:70

Duration: 2 hours

Date: 16.04.18

Group - A

Answer all questions.

**A. Multiple Choice Questions:**

[1X5 = 5]

1. Main parts of computer are

- a. Mouse
- b. CPU
- c. Memory
- d. None of these

2. We can use a computer for

- a. collecting information on projects
- b. launching rockets
- c. weather forecasting
- d. All of these

3. Binary digits are made up of:

- a. Only zero(0)
- b. Only one (1)
- c. Both a. and b.
- d. None of these

4. Example of secondary memory is/are

- a. Hard Disk
- b. CD
- c. Pen Drive
- d. All of these

5. Information on hard disk is organized into

- a. Files
- b. Folders
- c. Both a. and b.
- d. None of these

**B. Fill in the blanks.**

[1X5 = 5]

1. A computer can store \_\_\_\_\_ information than a CD.
2. A collection of 1024 bytes is called a \_\_\_\_\_.
3. When the computer is turned on, information is stored in the \_\_\_\_\_, which stands for \_\_\_\_\_.
4. By simply clicking the file and typing a new name you can \_\_\_\_\_ a file.

**C. State True or False.****[1X5 = 5]**

1. Computer is used in entertainment for making animation films and cartoons.
2. 1 Byte = 8 bits.
3. Full form of EEPROM is Electronically Erasable Programmable Read Only Memory.
4. Macintosh is an operating system provided by Apple computer.
5. To move a folder, just right click, drag and drop wherever you want it.

**D. Match the following:****[1X5=5]**

	Column 1		Column 2
1	Laptop	1	Daughterboard
2	GUI	2	Secondary Memory
3	DVD	3	Cabinet
4	PCB	4	Touchpad
5	Folder	5	Graphic User Interface

**Group - B****E. Write short answers in one or two sentences. [Any ten (10)] [2X10 = 20]**

1. What is computer?
2. What is secondary memory?
3. Give two ways in which a computer can be helpful to doctor.
4. What is interface?
5. What is piracy?
6. What is ergonomics?
7. What is USB drive?
8. Why RAM is called volatile memory?
9. What is chip in computer?
10. What are files and folders in a computer used for?
11. Can a file or folder open 'by itself'? Where does it open?
12. Draw the IPO cycle?

**Group - C****F. Long answer questions. [Any six (6)]****[5X 6= 30]**

1. Name and describe four main parts of computer.

2. What is an ATM? How is it useful to people?
3. How a computer is useful to school?
4. What is ROM? Write the different types of ROM.
5. Describe Hard Disk.
6. How do you create a new folder?
7. What is operating system? Write the functions of an operating system.
8. How can you move a folder from one place to another?



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## Group - A

Answer all questions.

### A. Multiple Choice Questions:

[1X5 = 5]

1. Main parts of computer are
  - a. Mouse
  - b. CPU
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  - d. None of these
2. We can use a computer for
  - a. collecting information on projects
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3. Binary digits are made up of:
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4. Example of secondary memory is/are
  - a. Hard Disk
  - b. CD
  - c. Pen Drive
  - d. All of these
5. Information on hard disk is organized into
  - a. Files
  - b. Folders
  - c. Both a. and b.
  - d. None of these

### B. Fill in the blanks.

[1X5 = 5]

1. A computer can store more information than a CD.
2. A collection of 1024 bytes is called a 1 KB.
3. When the computer is turned on, information is stored in the RAM, which stands for Random Access Memory.
4. By simply clicking the file and typing a new name you can rename a file.

**C. State True or False.****[1X5 = 5]**

1. Computer is used in entertainment for making animation films and cartoons. TRUE
2. 1 Byte = 8 bits. TRUE
3. Full form of EEPROM is Electronically Erasable Programmable Read Only Memory.  
FALSE
4. Macintosh is an operating system provided by Apple computer. TRUE
5. To move a folder, just right click, drag and drop wherever you want it. FALSE

**D. Match the following:****[1X5=5]**

	Column 1		Column 2
1	Laptop	1	Daughterboard [4]
2	GUI	2	Secondary Memory [3]
3	DVD	3	Cabinet [5]
4	PCB	4	Touchpad [1]
5	Folder	5	Graphic User Interface [2]

**Group - B****E. Write short answers in one or two sentences. [Any ten (10)] [2X10 = 20]**

1. What is computer?

Ans: A computer is an electronic machine that helps us to do many jobs accurately and quickly.

2. What is secondary memory?

Ans: Sometimes there is so much information that it cannot be saved in the primary storage devices. In that case, data can be saved outside the computer in a secondary storage device. This is called secondary memory.

3. Give two ways in which a computer can be helpful to doctor.

Ans: a) Taking X-rays, ultrasounds, and other tests that help doctors to detect diseases.

b) Getting eye-checkup done.

4. What is interface?

Ans: The way a program communicates with a user is called an interface.

5. What is piracy?

Ans: Sometimes people copy software illegally, without buying it. It is called piracy.

We should try and use only original software programs and avoid pirated ones.

6. What is ergonomics?

Ans: Ergonomics is the study of the interaction between people and machines.

7. What is USB drive?

Ans: A pen drive is also known as USB drive. A pen drive is a small and an extremely portable storage device which is very different from a hard disk or a CD.

8. Why RAM is called volatile memory?

Ans: RAM is only a temporary memory. If, by chance there is a power cut while working on the computer, all the data stored on the RAM is lost. That is why it is also known as volatile memory.

9. What is chip in computer?

Ans: The electronic circuits carrying bits are stored on chips. These chips are tiny pieces of material called silicon.

10. What are files and folders in a computer used for?

Ans: Files contain useful information called data. Files are organized in folders.

11. Can a file or folder open 'by itself'? Where does it open?

Ans: No document can open by itself. A document must open within some program.

12. Draw the IPO cycle?

Ans:



### Group - C

#### **F. Long answer questions. [Any six (6)]**

**[5X 6= 30]**

1. Name and describe four main parts of computer.

Ans: The four main parts of a computer are:

Monitor: It displays all the work done on the computer. It is also known as the Visual Display Unit.

Keyboard: This has many keys that help us to type data and give instructions to the computer.

CPU: Central Processing Unit is also known as the 'brain' of the computer. All data is processed inside the CPU.

Mouse: It helps us to click and choose items on the monitor screen. It also helps us to draw on the computer.

2. What is an ATM? How is it useful to people?

Ans: Banks have Automated Teller Machines (ATMs) that allow customers to withdraw and deposit money through credit and debit cards. This facility allows

transactions to take place anywhere and at any time. Customers can also check the balance in their accounts through the ATM. The ATM works with the help of computers.

3. How a computer is useful to school?

Ans: a) In teaching computer science.

b) Downloading information from the internet

c) Making projects

d) Playing educational CD-ROMs

e) Making test papers and worksheets

4. What is ROM? Write the different types of ROM.

Ans: It refers to Read Only Memory. It usually stores programs and instructions needed to run these programs which tell the computer how to work. There are three different kinds of ROM:

PROM: Programmable Read Only Memory, the information recorded on this cannot be erased.

EPROM: Erasable Programmable Read Only Memory. In this, stored information can be erased by exposing to UV.

EEPROM: Electrically Erasable Programmable Read Only Memory. The information written on this can be erased using electrical signals.

5. Describe Hard Disk.

Ans: The hard disk is a secondary storage device that is placed inside the CPU. You cannot remove or even see it. Whatever you save in different programs gets saved on the hard disk, unless another disk specified. The surface of a hard disk is coated with a magnetic metal. Data on the hard disk remains there until you delete it.

6. How do you create a new folder?

Ans: To create a folder:

a) Right-click at the place where you want to create a new folder.

b) A drop-down menu appears.

c) Select New, then the Folder option.

d) A new folder is created.

e) Give the folder its name and press Enter.

7. What is operating system? Write the functions of an operating system.

Ans: Operating system makes sure that differently programs in the computer work properly.

It provides the basic rules according to which a computer should work.

It helps the computer programs to recognize all inputs and to send output to the monitor.

8. How can you move a folder from one place to another?

Ans: Select the folder, and drag and drop to the target location or

- a) Select the folder.
- b) Right-click it and select move/cut option,.
- c) Go to the target folder or drive.
- d) Paste the folder.