

Worksheet -2 Subject: - Computer Class: - VI Teacher: - Mrs. Suudha Sharma

Name: \_\_\_\_\_ Class & Sec: \_\_\_\_\_ Roll No. \_\_\_\_\_ Date: 18.04.2020

### Lesson 1: Computer Story

Classification of computer on the basis of their size and speed.

#### Microcomputer

Microcomputers are small computers whose CPU is a microprocessor, contained on single IC. These computers are also called Personal Computers (PCs). The major types of these are Desktop, Laptop and hand held (Tablet PCs, Smart phones) computers.

#### Workstation

A workstation is like a personal computer, but it has a more powerful microprocessor and a high quality monitor.

#### Minicomputer

These computers are very powerful and available at a reasonable price as compared to mainframe computers, so users in 1960s switched over them. Minicomputers are referred to as mid-range servers now because PCs have overpowered the digital market.

#### Mainframe Computers

These are huge computers that can occupy an entire room or even a whole floor. It can also accommodate many users at a time. Terminals are used to connect a user to this computer. A terminal is a device which has a keyboard and a screen integrated together.

These computers are normally referred to as enterprise servers.



#### Supercomputers

These are the most powerful computers as it uses multiple CPUs to work on a problem using the concept of Parallel Processing. Parallel Processing is the simultaneous use of more than one CPU to execute a program. These computers are used for highly calculation intensive tasks such as weather forecasting, climate research and physical simulations.



Now, answer the following questions:

**Q.1. Fill in the blanks**

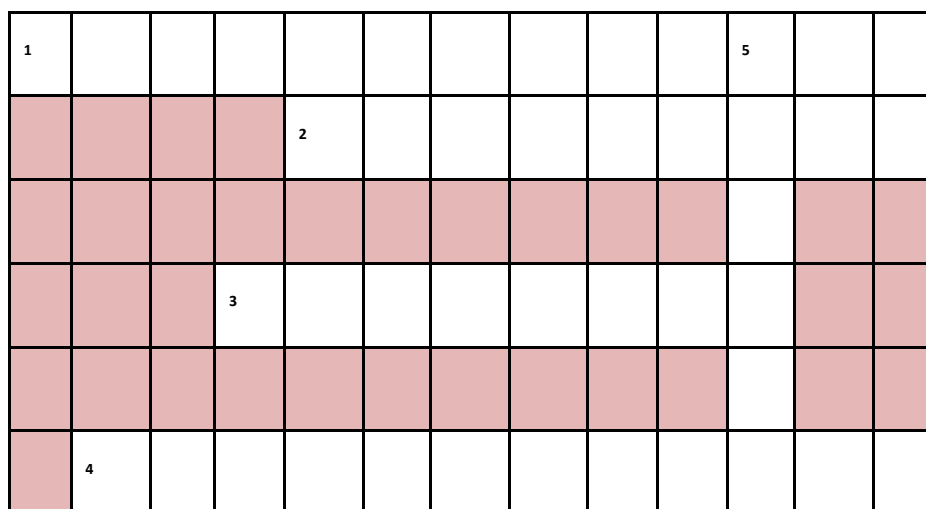
1. \_\_\_\_\_ are referred to as mid-range servers.
2. \_\_\_\_\_ uses the concept of parallel processing.
3. \_\_\_\_\_ are small computers whose CPU is a microprocessor.
4. \_\_\_\_\_ can accommodate many users at a time.

**Q.2. Answer the following questions:**

1. What is a Terminal?
2. When did minicomputers come into existence?
3. Write a short note on wearable devices?
4. What is Parallel Processing?
5. What is a workstation?



**Q.3. Solve the given crossword**



**Across**

1. Computers used for highly calculation intensive tasks such as weather forecasting etc.
2. Computers that are \_\_\_\_\_ computers are referred to as enterprise servers.
3. Mainframe computers use \_\_\_\_\_ to connect a user to this computer.
4. \_\_\_\_\_ are referred to as mid-range servers.

**Down**

5. A hand held device.

**Homework**

Search and draw any two wearable devices.

## Class VI - Answers

## Lesson 1- Computer Story

**Q.1. Fill in the blanks:**

1. Minicomputers
2. Supercomputers
3. Microcomputers
4. Mainframe Computers

**Q.2. Answer the following questions:**

1. A terminal is a device which has a keyboard and a screen integrated together. These computers are normally referred to as enterprise servers.
2. In the year 1960
3. Wearable Devices are smart electronic devices (electronic device with micro-controllers) that are worn close to and/or on the surface of the skin, where they detect, analyze, and transmit information concerning e.g. body signals such as vital signs, and/or ambient data and which allow in some cases immediate biofeedback to the wearer. For example: FitBit Flex, Fabric Chest Strap, and Google Glass.
4. Parallel Processing is the simultaneous use of more than one CPU to execute a program.
5. A workstation is like a personal computer, but it has a more powerful microprocessor and a high quality monitor.

**Q.3. Solve the given crossword**

S	U	P	E	R	C	O	M	P	U	T	E	R
				M	A	I	N	F	R	A	M	E
										B		
			T	E	R	M	I	N	A	L		
										E		
	M	I	N	I	C	O	M	P	U	T	E	R