PRACTICAL 5

Describe green computing. List and explain the steps that you take to contribute to green computing.

"**Going Green**" is a rising trend establishing itself as the preferred way of doing things while saving the environment. This now appears in a large number of aspects in our lives, such as recycling, energy-efficient devices, clean energy sources, eco-friendly vehicles, and green buildings.

Computing has also established its share to contribute to saving the environment under the concept "Green Computing". Green computing is the environmentally responsible and eco-friendly use of computers and their resources. In broader terms, it is also defined as the study of designing, engineering, manufacturing, using and disposing of computing devices in a way that reduces their environmental impact. Green Computing, also known as Green Technology or Green IT, has quickly emerged as the most effective means of utilizing technology.

<u>Steps that can be used to contribute to green computing</u>

- Purchase energy-saving hardware

Purchasing energy-saving power supply units can save money, help the environment   and they are often quieter.

- Power down computers while not using

many of us leave our computers running even when we are not using them, this leads to waste of energy. if you do not want o switch them off completely use sleep mode or hibernate, this will help save the power and keep it to its current state to use it when needed.

- Use a laptop instead of a desktop

Laptops are environmentally friendly because they have components that do not require a lot of power. use a laptop as much as you can.

- Use power-saving features

These features in a computer can command the computer to do various energy-saving tasks automatically, therefore saving a lot of power.

- Recycle responsibly

You should check with your authority to see which companies can safely dispose of old computer parts, this because computers have hazardous particles which affect the environment.