PRACTICAL 5

Describe green computing. List and explain the step that you have taken to contribute to green computing.

A) 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.

Many IT manufacturers and vendors are continuously investing in designing energy-efficient computing devices, reducing the use of dangerous materials and encouraging the recyclability of digital devices. Green computing practices came into prominence in 1992, when the Environmental Protection Agency (EPA) launched the Energy Star program.

Green computing is also known as green information technology (green IT)

Steps that has been taken to contribute green computing:-

1. Looked for the ENERGY STAR
   Considering energy efficiency when shopping for new equipment by looking for products with an ENERGY STAR.

2. Turning Off Monitor
   monitor uses a lot of power, so by putting it in standby or turn it off when not in use.

3. Adjusting the Brightness
   The brightest setting on a monitor consumes twice the power used by the dimmest setting.

4. Don't Use a Screen Saver
   Screen savers consume power and are unnecessary. So by setting

monitor to go blank or dim when not in use.

5. Turn Off Peripherals
   When not in need turning speakers, scanner, and other add-ons, off.

6. Leave Your Printer Off
   A printer draws a lot of power, so leave it off until you need it. Also make sure its power settings include a standby mode that consumes less energy when on.

7. Preview Before You Print
   Select and print only the content you need. Omit unneeded pages from the printing job.