

Practical 5

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Using practical examples, 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, 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 utilising technology.

In basic terms, Green Computing involves reducing the **environmental impact of technology**. That means using less energy, reducing waste and promoting sustainability. Green computing aims to reduce the carbon footprint generated by the Information Technology and Systems business and related industries.

Energy-efficiency and **e-waste** are two major techniques involved in green computing. Energy efficiency involves implementation of energy-efficient central processing units (CPUs), servers and peripherals as well as reduced resource consumption. And e-waste is the proper disposal of electronic waste.

1. Look for the ENERGY STAR. ...
2. Turn Off Your Monitor. ...
3. Adjust the Brightness. ...
4. Don't Use a Screen Saver. ...
5. Turn Off Peripherals. ...
6. Leave Your Printer Off. ...
7. Preview Before You Print. ...
8. Print on Both Sides