

1. All questions are **compulsory**.
2. All questions carry **equal** marks.
3. Draw **neat, labelled diagrams** wherever necessary

**Q.1 Attempt the following (Any Three)**

**[15 Marks]**

- a. What is Toxins?
- b. What is Green Computing?
- c. What are the steps of measuring carbon footprint?
- d. Give the five principle of StEP.
- e. Write a note on: RoHS and WEEE.
- f. Explain the term Greenpeace.

**Q.2 Attempt the following (Any Three)**

**[15 Marks]**

- a. What is Data De-Duplication?
- b. Write a short note on:
  - i. MAID
  - ii. Green Drives.
- c. What is wireless device? Explain any two.
- d. Give the causes for Cost of Power.
- e. What is Waterside Economizers?
- f. Explain the ways to cool devices that produces heat.

**Q.3 Attempt the following (Any Three)**

**[15 Marks]**

- a. Write a note on Green Data Centers.
- b. Enlist different types of Servers with their functionality.
- c. What is cloud storage?
- d. Write a note on Unified Communication.
- e. Give the functionality of MOSS.
- f. What are the problems faced while implementing EDI?

**Q.4 Attempt the following (Any Three)**

**[15 Marks]**

- a. Explain Refurbishing? Differentiate between Non-commercial refurbishing and Commercial refurbishing.
- b. Give the life cycle of a product.
- c. What have to be taken into consideration while selecting the good recycler?
- d. Explain term Thin Clients. Give its advantages.
- e. Write a short note on Blade Server.
- f. Describe Packaging.

**Q.5 Attempt the following (Any Three)****[15 Marks]**

- What is SWaP?
- Give the BI tools that are used to measure the data.
- What is Customer Relationship Management?
- Write a short note on SMART.
- What is Benchmarking?
- Give the benefits of Certifications in green IT.

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