

(Time: 2 $\frac{1}{2}$ hours)

[Marks: 75]

Please check whether you have got the right question paper.

- N. B.: (1) **All** questions are **compulsory**.
 (2) Make **suitable assumptions** wherever necessary and **state the assumptions** made.
 (3) Answers to the **same question** must be **written together**.
 (4) Numbers to the **right** indicate **marks**.
 (5) Draw **neat labeled diagrams** wherever **necessary**.
 (6) Use of **Non-programmable** calculator is **allowed**.

- 1. Attempt any three of the following: 15**
- Explain how green computing effect on cost saving.
 - How hardware deployments can affect the environment?
 - What are the steps involved for Measuring of carbon footprint?
 - Describe the functions of Basel Action Network.
 - Mention the steps taken by CHINA in managing their own e-waste problem?
 - What StEP stands for? Explain objectives of StEP.
- 2. Attempt any three of the following: 15**
- Explain MAID and RAID.
 - How computer monitor settings save energy?
 - What is polling? Give example.
 - How to achieve proper humidity levels?
 - How to prevent Recirculation of Equipment Exhaust?
 - State the advantages of custom centralized air-handling system.
- 3. Attempt any three of the following: 15**
- What are the ways to control the use of water in organisation?
 - Which things are necessary for evaluating suppliers for their level of environmental responsibility?
 - Describe intranet? How to build it?
 - What is Telecommuting? Explain in brief.
 - Which things are needed to go paperless in organization?
 - Write a note on PDA and Tablet PC.
- 4. Attempt any three of the following: 15**
- List various ways to clean a hard drive. Explain any two.
 - Write a short note on refurbishing.
 - Give advantages and disadvantages of buying equipment's.
 - Explain how remote desktop server is configured.
 - Explain Restriction of Hazardous Substances certification.
 - Define and explain the terms packaging and Toxins with respect to Hardware Considerations.

[TURN OVER]

5. Attempt **any three** of the following:

15

- a. List and explain tools used for measuring and tracking our data.
 - b. What is the difference between Application Service Providers and Software as a Service?
 - c. Which area needs to be updated in organization to reduce the amount of waste?
 - d. Explain characteristics of Software as a Service.
 - e. Describe the work of Chief Green Officer.
 - f. List and explain key strategies to review action plan.
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