

(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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