(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

a. What is Green IT? What are motives behind Green IT practices?

b. Write down the advantages of reusing equipment?

c. List and explain different steps used to measure your carbon footprint.

d. Write down different objectives of SeEP Program.

e. What is Basel Action Network? Write down the different functions of it.

f. Write a short note on RoHS.

2. **Attempt _any three_ of the following:**   15

a. Explain any two ways to reduce power usage.

b. Explain any two low cost devices for checking power on workstations.

c. Write a short note on MAID.

d. What is economizer? What are its different types? Explain any one.

e. Explain how cooling needs are calculated.

f. What are different ways to optimize the airflow around servers and networking equipment? Explain any two of them.

3. **Attempt _any three_ of the following:**   15

a. What are different issues that should be considered to know your supplier?

b. How the issue of CO_2 emission is dealt with at different levels of the decision making pyramid.

c. What are different monitoring ideas?

d. Write down different reasons for using PDF for paperless documentation.

e. What is intranet? What are different components that are required for building intranet?

f. What is EDI? Write down advantages and problems of EDI.

4. **Attempt _any three_ of the following:**   15

a. Explain commercial and non-commercial refurbishing.

b. List and explain different phases of product life cycle.

c. Write down advantages and disadvantages of leasing equipment.

d. What is certification program? List different certification programs. Explain any one.

e. Write a short note on thin client.

f. Write down the steps to configure remote desktop server.

[TURN OVER]

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5. **Attempt _any three_ of the following:** 15
a. List and explain different tools for tracking data.
b. List and explain technological components of CRM system.
c. Differentiate between SaaS and ASP.
d. Write down SMART goals.
e. Write a short note on quantitative and qualitative review.
f. Write down responsibilities of CGO.

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