

- Note:**
1. All questions are compulsory with internal choice.
 2. Draw neat diagrams wherever necessary.
 3. Figures to the right indicate full marks.

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- Q.1 Answer the following (any THREE) (15)**
- (a) What is Green IT? What are motives behind Green IT practices?
 - (b) What are the steps involved for Measuring of carbon footprint?
 - (c) What StEP stands for? List objectives and principles of StEP.
 - (d) List and explain the various toxins present in computer systems.
 - (e) Explain how green computing effect on cost saving.
 - (f) Write down the advantages of reusing equipment?
- Q.2 Answer the following (any THREE) (15)**
- (a) Write a note on Data De-Duplication and Virtualization.
 - (b) What is polling? Give example.
 - (c) Explain Hot Aisle (path)/Cold Aisle and Raised Floors.
 - (d) How to calculate cooling requirement of a system? Explain using suitable example.
 - (e) How to achieve proper humidity levels?
 - (f) How to prevent Recirculation of Equipment Exhaust?
- Q.3 Answer the following (any THREE) (15)**
- (a) Which things are necessary for environmentally preferable purchasing plan?
 - (b) What is the use of Microsoft Office SharePoint Server 2007? List its features.
 - (c) List the tips to keep water usage under control.
 - (d) Write a note on PDA and Tablet PC.
 - (e) Write down different reasons for using PDF for paperless documentation.
 - (f) Write a short note on green data center.
- Q.4 Answer the following (any THREE) (15)**
- (a) Write down advantages and disadvantages of leasing equipment.
 - (b) Write a note on energy star program for computers.
 - (c) Write a short note on thin client.
 - (d) What are the steps to configure a remote desktop server?
 - (e) Briefly explain the phases of a computer product's life cycle.
 - (f) How to clean a hard drive?
- Q.5 Answer the following (any THREE) (15)**
- (a) How CRM segregate the people of organization in group?
 - (b) Explain characteristics of Software as a Service.
 - (c) Explain transitioning four-step process.
 - (d) Write a note on SMART goals.
 - (e) Explain the role of Chief Green Officer? Write down responsibilities of CGO.
 - (f) Write a short note on quantitative and qualitative review.

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