

Time: 2½ hrs.

Marks:75

Note:

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

- Q.1 Answer the following (Any Three) (15)**
- (a) Define Green IT and explain the benefits of Green IT in detail.**
 - (b) State the advantages of reusing equipments in detail.**
 - (c) Explain in detail about ROHS and REACH.**
 - (d) List and explain the various toxins present in computer systems.**
 - (e) Write in detail about Equipment Disposal.**
 - (f) What are the steps involved for Measuring of carbon footprint?**
- Q.2 Answer the following (Any Three) (15)**
- (a) Explain in detail How computer monitor settings save energy?**
 - (b) What is economizer and explain its different types?**
 - (c) How to calculate cooling requirement of a system? Explain using suitable examples.**
 - (d) Explain cooling optimization by data center design in detail.**
 - (e) List and explain the issues regarding power consumption and cooling costs.**
 - (f) How can you minimize excessive power output from wireless devices?**
- Q.3 Answer the following (Any Three) (15)**
- (a) Briefly explain steps in setting up a Telecommuting program.**
 - (b) List the tips to keep water usage under control in detail.**
 - (c) Describe the things that are necessary for evaluating suppliers for their level of environmental responsibility?**
 - (d) Explain in detail about Green Data Center.**
 - (e) What is the use of Microsoft Office Share Point Server 2007? List its features.**
 - (f) Describe in detail different products having low levels of toxins.**
- Q.4 Answer the following (Any Three) (15)**
- (a) What is Blade server? State its benefits.**
 - (b) Explain in detail about energy star program for computers.**
 - (c) Describe the use of Remote Desktop and Explain its components.**
 - (d) How to configure a remote desktop server and establish connection using remote desktop client?**
 - (e) State the advantages and disadvantages of buying equipments in detail.**
 - (f) Explain about Electronic Product Environmental Assessment Tool (EPEAT)**
- Q.5 Answer the following (Any Three) (15)**
- (a) Explain Customer Relationship Management (CRM) in detail.**
 - (b) Write about transitioning four-step process in detail.**
 - (c) Describe in detail steps involved to conduct energy audit.**
 - (d) How CRM segregates the people of organization in group?**
 - (e) Describe the steps involved for good green procurement program.**
 - (f) Explain characteristics of Software as a Service (SaaS) in detail.**