

Unit 1

1. What are the steps involved for Measuring of carbon footprint?
2. Mention the steps taken by CHINA in managing their own e-waste problem?
3. What StEP stands for? Explain objectives of StEP.
4. How hardware deployments can affect the environment?
5. Write a note on Equipment Disposal.
6. What are the steps taken by JAPAN for managing their own e-waste problem?
7. Explain any five e-waste laws of states in US.
8. What is Green IT? What are motives behind Green IT practices?
9. Write down the advantages of reusing equipment?
10. What is Basel Action Network? Write down the different functions of it.
11. Write a short note on RoHS.
12. Write down the steps that can be taken by the work habits of computer users and business to minimize adverse impact on the global environment.
13. What different toxins can be found on desktop computer? Also write down where they are found?
14. Write a note on basal convention
15. Write a short note on power consumption
16. Discuss about cost saving in power consumption by desktop and datacenters
17. Write a short note on United Nation's solving the E-waste problem.(StEP)
18. Discuss the European Union's E-waste management WEE and its RoHS directives.

Unit 2

1. Explain MAID and RAID.
2. How computer monitor settings save energy?
3. What is polling? Give example.
4. How to achieve proper humidity levels?
5. How to prevent Recirculation of Equipment Exhaust?
6. State the advantages of custom centralized air-handling system.
7. Write a note on Data De-Duplication and Virtualization.
8. List and explain the issues regarding power consumption and cooling costs.
9. Explain Hot Aisle (path)/Cold Aisle and Raised Floors.
10. List and explain datacenters design and decision making issues
11. Explain any two ways to reduce power usage.
12. Explain any two low cost devices for checking power on workstations.
13. What is economizer? What are its different types? Explain any one.
14. Explain how cooling needs are calculated.
15. What are different ways to optimize the airflow around servers and networking Equipment? Explain any two of them.
16. Explain the features and hardware specification of NorTec and Excito.
17. How can you minimize excessive power output from wireless devices?
18. Explain the ways of reducing power consumption in storage

19. How to calculate cooling requirements of a system? Explain using suitable example
20. Write a note on cooling optimization by data center design
21. Write a note on Bubba Server

Unit 3

1. What are the ways to control the use of water in organization?
2. Which things are necessary for evaluating suppliers for their level of environmental Responsibility?
3. What is Telecommuting? Explain in brief.
4. Which things are needed to go paperless in organization?
5. Write a note on PDA and Tablet PC.
6. List and explain decision making pyramid with its levels.
7. Which things are necessary for environmentally preferable purchasing plan?
8. How to find out which products have low levels of toxins?
9. What is the use of Microsoft Office SharePoint Server 2007? List its features.
10. What is Value Added Network? Give its benefits.
11. What are different issues that should be considered to know your supplier?
12. How the issue of CO2 emission is dealt with at different levels of the decision making pyramid.
13. What are different monitoring ideas?
14. Write down different reasons for using PDF for paperless documentation.
15. What is intranet? What are different components that are required for building Intranet?
16. What is EDI? Write down advantages and problems of EDI.
17. How to find a good service provider?
18. Write down different practices for everyone to follow to work smart
19. Write the issues to be considered preventing wasted-water for an irrigation system in place
20. What issues one should know to accept green sourcing?

Unit 4

1. List various ways to clean a hard drive. Explain any two.
2. Write a short note on refurbishing. Explain commercial and non-commercial refurbishing.
3. Give advantages and disadvantages of buying equipment's.
4. Explain Restriction of Hazardous Substances certification.
5. Define and explain the terms packaging and Toxins with respect to Hardware Considerations.
6. Explain the recycling problems in China and Africa.
7. How to determine the system's long life?
8. Which are benefits to leasing the equipment?
9. Write a short note on Electronic Product Environmental Assessment Tool(EPEAT) certification.
10. What is Blade server? Give its benefits.
11. What is the use of Remote Desktop? Explain its components.
12. List and explain different phases of product life cycle.
13. Write down advantages and disadvantages of leasing equipment.

14. What is certification program? List different certification programs. Explain any one.
15. Write a short note on thin client.
16. Write down the steps to configure remote desktop server.
17. Write a note on energy star program for computers

Unit 5

1. List and explain tools used for measuring and tracking our data.
2. What is the difference between Application Service Providers and Software as a Service?
3. Which area needs to be updated in organization to reduce the amount of waste?
4. Explain characteristics of Software as a Service.
5. Describe the work of Chief Green Officer.
6. List and explain key strategies to review action plan.
7. How CRM segregate the people of organization in group?
8. What is Green Procurement? What are the steps involved for good green procurement program?
9. Explain transitioning four-step process.
10. Write a note on SMART goals.
11. Which steps are involved to conduct energy audit?
12. List and explain technological components of CRM system.
13. Write a short note on quantitative and qualitative review.
14. What is baseline data, benchmarking and data analysis in equipment checkup?
15. Write down the steps to create virtual server.