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| **QUESTION BANK F.Y.B.Sc.IT. SEMESTER II FIRST HALF HALF 2023** | | |
| **SUBJECT : Green IT** | | |
| **UNIT I** | | |
| **Sr. No** | **Long Answer Question** | **Marks** |
| Unit I | Define green computing. What are the advantages and its usage? | 5 |
| 2 | What are the toxin ? Explain how it can spoil in the environments. | 5 |
| 3 | Write a short notes on : REA ch and ROH s | 5 |
| 4 | Explain the WEEE directives. | 5 |
| 5 | Explain the various toxin generated from E-waste. | 5 |
| 6 | What is e-waste? Explain the various toxins generated from e-waste. | 5 |
| 7 | What are the benefits of recycling electronic components? | 5 |
| 8 | How to measure carbon footprint of the organization? | 5 |
| 9 | Explain regulatory and non-regulatory environment. | 5 |
| 10 | Why there is need for strategizing green initiatives? | 5 |
| 11 | Explain Green building standards? | 5 |
| 12 | Discuss social movement and green peace. | 5 |
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| Unit II | Explain the needs of virtualization and storage in reducing power usage. | 5 |
| 2 | List and explain the various wireless devices. | 5 |
| 3 | What are the various power problems faced in industries currently? | 5 |
| 4 | How the power monitoring software helps to reduce power consumption? | 5 |
| 5 | List and explain the various low cost solution for checking on the work station and stand alone devices. | 5 |
| 6 | Write a short notes on pata duplication. | 5 |
| 7 | What are the ways of reducing cooling costs? | 5 |
| 8 | How the cooling needs calculated? | 5 |
| 9 | Explain the on-demand cooling. | 5 |
| 10 | What are the ways to cool down devices that generate heat? | 5 |
| 11 | How airflow can be optimized? | 5 |
| 12 | What are the ways to prevent recirculation of equipment exhaust? | 5 |
| 13 | What are the steps that can be taken to control of water in the organization? | 5 |
| 14 | Explain the steps to be taken for recycling non-IT components. | 5 |
| 15 | What are the steps taken to reduce energy consumption? | 5 |

**UNIT3**

1. What are different issues that are to be considered to know your supplier?
2. How the issue of CO2 emission is dealt with at different levels of the decision making
3. pyramid.
4. What are different monitoring ideas?
5. Write down different reasons for using PDF for paperless documentation.
6. What is intranet? What are different components that are required for building
7. intranet?
8. What is EDI? Write down advantages and problems of EDI.
9. Explain telecommuting programs steps in brief.
10. Write a note on environmentally preferable purchasing plans.
11. List the tips to keep water usage control.also list the issue to prevent wasted water.
12. Write a short note on the intranet.
13. What is Microsoft Sharepoint server office 2007.
14. What are the advantages of obstacles in using an EDI in an organization?
15. Which things are necessary for evaluating suppliers for their level of
16. environmental responsibility?
17. What are the ways to control the use of water in an organization?
18. Describe intranet? How to build it?
19. What is Telecommuting? Explain in brief.
20. Which things are needed to go paperless in organization?
21. Write a note on PDA and Tablet PC.

**Unit4**

1. Write down the steps to configure a remote desktop server.
2. What is refurbishing ?Explain commercial and non-commercial refurbishing.

OR

1. Write a short note on refurbishing.
2. List and explain different phases of the product life cycle.
3. Write down advantages and disadvantages of leasing equipment.
4. What is a certification program? List different certification programs. Explain any one.
5. Write a short note on a thin client.
6. Brief and explain the phases of the computer product lifecycle.
7. How to clean a hard drive

OR

1. List various ways to clean the hard drive. Explain any two.
2. Write a note on the energy star program for computers.
3. Explain benefits and features on blade server.
4. How to configure a remote desktop server.
5. Give advantages and disadvantages of buying equipment.
6. Explain how the remote desktop server is configured.
7. Explain Restriction of Hazardous Substances certification.
8. Define and explain the terms packaging and Toxins with respect to HardwareConsiderations.

**Unit 5**

1. List and explain different tools for tracking data.
2. List and explain technological components of the CRM system.
3. Differentiate between SaaS and ASP.

OR

1. What is the difference between Application Service Providers and Software as a
2. Service?
3. Write down SMART goals.
4. Write a short note on quantitative and qualitative review.
5. Write down responsibilities of CGO.

OR

1. Describe the work of Chief Green Officer.
2. How BI tools and MySQL servers are useful in order to measure and track your data.
3. Write a note on CRM? Explain its technology components?
4. What is green procurement?
5. What is baseline data,benchmarking and data analysis equipment for checkup.
6. List and explain tools used for measuring and tracking our data.
7. Which area needs to be updated in organization to reduce the amount of waste?
8. Explain characteristics of Software as a Service.
9. List and explain key strategies to review action plans.