Duration: 2 ¹/²Hrs   **Marks: - 75**
Note:-
1) All Questions are compulsory
2) Figures to the right indicate maximum marks.

Q1)   Attempt any 3 of the following:-   **(15 m)**

1) How to reduce amount of electricity used by companies? Co1, 2 (R)
2) How to measure carbon footprint of the company? Co1, (R)
3) Write short note on equipment disposal. Co1 2 (U)
4) What are the principles of STEP Program? Co1, 2 (R)
5) Write short note on Basel Action Network. (Co1, 2 (U)
6) Write short note on WEEE Directive. (Co1, 2 (U)

Q2) Attempt any 3 of the following :-   **(15 m)**

1) What are power related problems? Co3 (R)
2) Explain the need of virtualization in reducing power usage. Co 3 (U)
3) Write short note on low – cost options. CO3 (R)
4) Write short note on RAID. Co2 (U)
5) What are the ways of reducing cooling costs? Co2 (U)
6) Write short on cooling needs calculated. Co2 (U)

Q3) Attempt any 3 of the following:-   **(15m)**

1) What are the steps that can be taken to control usage of water in the organization? Co5 (R)
2) What are the steps to be taken for recycling non – IT components? Co5 (R, U)
3) What is Telecommuting? Co5 (R, U)
4) How does over usage of paper affect environment and organization? Co5 (R)
5) Write short note on EDI.   Co5 (U)
6) Write shot note on PDA and Tablet PC. Co5 (U)

Q4) Attempt any 3 of the following:-   **(15m)**

1) What are the problems related to E-Waste?   Co5 (R)
2) What are the sources of e-waste and its constituent?   CO5 (R)
3) Write short note on life cycle of make decision. Co6 (R)
4) What are the benefits to leasing your equipment? Co4 (U)
5) Explain EPEAT certification program.   Co4 (U)
6) Write short on consolidation. Co4 (1)

Q5) Attempt any 3 of the following:-   **(15m)**

1) Explain power usage effectives and data centre efficiency. Co7 (U)
2) Write short on CRM. Co7 (R)
3) Explain Green supply chain. CO7 (U)
4) What do you understand by SMART Goals? Co7 (R)
5) Write short note on gather data and tracking data with respect to equipment check-ups Co7 (R)
6) Explain various benefits and realities of certifications. Co7 (U)