(3 Hours)   **[Total Marks: 80]**

N.B.:   1) Question No.1 is **compulsory.**
                   2) Attempt any **three** out of remaining **five.**
                   3) Figures to the right indicate full marks.

1. (a) Explain the meaning of Green Computing.   (10)

    (b) List the issues of E-waste and discuss about the power   (10)
         consumption issues.

2. (a) How RFID used to greening IT and explain the use of paperless   (10)
         work.
    (b) Explain the recycling process of E-waste with suitable example   (10)

3. (a) What are the solutions for conserving power? Explain in detail   (10)
         about the carbon footprint.

    (b) What are the components of Datacenter which affects for power   (10)
         consumption?

4. (a) Explain in detail the life cycle of device or hardware.   (10)

    (b) What are Smart Grid?   (10)

5. (a) Explain the term Reuse, Recycle and Dispose in Green   (10)
         Computing.

    (b) Write a note on Green Software.   (10)

6. (a) Discuss about Green Data Centers.   (10)
    (b) Explain Green Data storage, Networks and Communications with   (10)
         suitable examples.

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