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

N.B. : 1) Question No.1 is **compulsory.**
2) Attempt any **three** from the remaining **five** questions.
3) Draw suitable diagrams wherever required

Q.1	**A**	List and Explain Business drivers of Green IT Strategy	**10**
	B	What is green data centre? Explain Green data centre metrics.	**10**
Q.2	**A**	List and Explain Steps in developing a Green IT Strategy.	**10**
	B	Explain in detail the life cycle of device or hardware.	**10**
Q.3	**A**	Explain Business dimensions for green IT Transformations	**10**
	B	Explain energy Management Techniques for hard disks.	**10**
Q.4	**A**	Explain Green Data storage, Networks and Communications with suitable examples.	**10**
	B	Explain the term Telepresence and Telecommuting.	**10**
Q.5	**A**	Explain the term Reuse, Recycle and Dispose in Green Computing	**10**
	B	What are Energy-Saving software techniques?	**10**
Q.6			**20**

Write short notes on **(any four)**

- **A** Regulating Green IT

- **B** Three R's of Green IT

- **C** Green software

- **D** Power consumption issues.

- **E** Smart Grid

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