

(2 Hours)

Total Marks: 50

Note:

- Question number Q1 is compulsory
- Attempt any two questions out of Q2 to Q5

Marks	Course Outcome	Bloom's Level
	CO	BL

Q1	Answer the following.		
a.	Why there is a need of strategizing green initiatives in an IT company?	[5]	CO6 BL5
b.	What is Green Information Technology?	[5]	CO3 BL3
c.	What are the Energy Management Techniques for Hard Disks System?	[5]	CO4 BL3
d.	What are the prominent Metrics and Measurements in Green Strategies?	[5]	CO5 BL3
Q2	a. What are the main organizational considerations in a Green IT Strategy?	[8]	CO1 BL3
	b. Differentiate between green data centers and green data storage.	[7]	CO4 BL3
Q3	a. Explain the life cycle of a Device or Hardware, Reuse, Recycle and Dispose with reference to e-resource waste management.	[8]	CO4 BL2
	b. How RFID can be used for Environmental Sustainability?	[7]	CO3 BL3
Q4	a. What is Green Computing and the Future Megatrends for Green Computing?	[8]	CO3 BL3
	b. Formulate a plans for reducing IT heating and cooling requirements in an organization.	[7]	CO4 BL5
Q5	a. What is Green Cloud Architecture?	[8]	CO6 BL2
	b. Develop G Readiness Framework for measuring an Organization's G-Readiness.	[7]	CO2 BL5
