

<b>[Time:2.30 Hrs]</b>		<b>[ Marks:75 ]</b>
Please check whether you have got the right question paper.		
N.B:	1. All question are compulsory. 2. Figures to the right indicate full marks. 3. Students answering in the regional language should refer in case of doubt to the main text of the paper in English.	

Q.1	<b>Attempt any four of the following.</b> a) Explain the Holistic Approach to Greening IT. b) Write a note on Life Cycle of a Device or Hardware. c) Explain the Energy-Saving Software Techniques. d) What are the Software Sustainability Metrics? e) Discuss on: Green IT: Burden or Opportunity? f) Explain the Green IT Standards and Eco-Labeling of IT.	20
Q.2	<b>Attempt any four of the following.</b> a) Write a note on Storage Media Power Characteristics. b) Describe the Objectives of Green Network Protocols. c) Explain the Business Drivers of Green IT Strategy. d) What are the Steps involved in Developing a Green IT Strategy. e) Explain the Green Network Protocols and Standards. f) What are the Energy Management Techniques for Hard Disks.	20
Q.3	<b>Attempt any four of the following.</b> a) Explain the Development of the G-Readiness Framework. b) What are the Factors Driving the Development of Sustainable IT? c) Explain IT Usage and Hardware. d) How will you measure an Organization's G-Readiness? e) Describe Sustainability Hierarchy Models.	20

	f) Write a note on Sustainable IT Services (SITS).	
Q.4	<p><b>Attempt any four of the following.</b></p> <p>a) Explain the concept of Measuring the Maturity of Sustainable ICT.</p> <p>b) What do you mean by Green Washing?</p> <p>c) What is Product Level Information?</p> <p>d) Describe the Green Data Centre Metrics.</p> <p>e) Explain the Environmental Impacts of IT.</p> <p>f) Write a note on data centres and its associated energy challenges.</p>	15