

Time: 3 Hrs

Max Marks: 80

N.B.: (1) Question No. 1 is compulsory.

(2) Attempt any three questions out of remaining five.

1. (a) What is Green IT? Explain it's Dimensions. **05**
(b) Express storage media power characteristics. **05**
(c) Explain Non-regulatory Government Initiatives. **05**
(d) Describe Social movement & Green Peace. **05**
2. (a) What energy efficient techniques should be used to reduce running cost in data centers? **10**
(b) Write short note on Green IT standards. Explain any two standards in brief. **10**
3. (a) Explain SITS Strategic Framework . **10**
(b) What is sustainable software? Explain with its attributes . **10**
4. (a) List and explain organizational and enterprise greening. **10**
(b) Write short notes on 1]WEEE 2]RoHS Directives. **10**
5. (a) Explain Sustainable IT Roadmap? **10**
(b) What are the green data centre energy metrics? **10**
6. (a) Briefly outline different stages of lifecycle of an electronic device. **10**
(b) Explain Energy Management Techniques for Hard Disks.. **10**
