Time (3 Hours) [Total Marks 80]

N. B:

1. Question No. 1 is Compulsory.

2. Solve any THREE from Question No. 2 to 6.

3. Draw neat well labelled diagram wherever necessary

Q. 1   a) What is Green Washing? (5)

b) Explain Social movement and Greenpeace. (5)

c) What is triple bottom line (TBL) framework? (5)

d) Explain green Data Centre Metrics. (5)

Q2.   a) List and explain the organizational and enterprise greening. (10)

b) Explain the SITS value curve in the SITS Strategic Framework. (10)

Q3.   a) Explain sustainable software methodologies. (10)

b) Enlist and explain the different stages of lifecycle of an electronic device. (10)

Q4.   a) What are the key elements of data centre IT Infrastructure. Explain. (10)

b) Explain the benefits of Energy Efficient Networks giving examples. Also explain the

objectives of Green Networking. (10)

Q5.   a) Explain the implementation of Green IT in Enterprises along with progressive

implementation of green initiatives. (10)

b) Explain the holistic approach to Greening IT. (10)

Q6. Write Short Notes on ANY 4: (20)

a) Three R's of Green IT.

b) Green IT, is it a burden or opportunity?

c) Differences between WEEE, RoHS, REACh.

d) Sustainable IT roadmap.

e) SICT capability building blocks importance verses the maturity level.

f) Explain Non-Regulatory Government Initiatives.

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