H-7

B. Tech. EXAMINATION, Dec. 2018

(Eighth Semester)

(B. Scheme) (Re-appear Only)

(CSE)

CSE460B

Green Computing

Time : 3 *Hours*]   [*Maximum Marks :* 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit.

Unit I

1. What is green computing ? Why is green computing important to society ? Justify your answer. **15**

2. Explain various approaches of green computing. **15**

Unit II

3. Explain how to achieve virtualization in green computing. **15**

4. Explain how resources are allocated in green computing. **15**

Unit III

5. Explain green computing techniques to manage power and storage in computing system. **15**

6. Explain support of operating system in green computing. **15**

Unit IV

7. Write notes on the following :
   (a) Spatial Data Mining
   (b) Temporal Data Mining
   (c) Green Mobile. **3×5=15**

8. Explain optimization techniques used to minimizing the consumption of battery in green mobile. **15**