

No. of Printed Pages : 03

Roll No.

H-7

B. Tech. EXAMINATION, Dec. 2017

(Eighth Semester)

(B. Scheme) (Re-appear Only)

(CSE)

CSE-460-B

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. All questions carry equal marks.

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P.T.O.

Unit I

1. What is Green Computing ? Explain its origin, middleware support and compiler optimization. **15**
2. Explain, how product longevity is effected using Green Computing. **15**

Unit II

3. Explain Sustainable computing in detail. **15**
4. Explain virtualization and Resource allocation in Green Computing. **15**

Unit III

5. Explain various tools available for monitoring the green computing. **15**
6. (a) Explain Operating System that supports Green Computing. **7**
(b) Explain terminal servers in the context of Green Computing. **8**

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Unit IV

7. (a) What is green mobile ? Explain in detail. **7**
(b) Explain temporal and spatial data mining techniques. **8**
8. Explain various optimization techniques for minimizing battery consumption. **15**

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