**BECO5-II**

**Seventh Semester B. Tech Computer Science Engineering**

**Examination Aug/Sep-2015**

**Parallel Processing**

**Time:-3Hours Max. Marks: -75**

**SECTION-A**

**Answer any five questions. (5\*5)**

1. Why we use Parallel Computing?
2. Mention the factors of Algorithms for Parallel Machines.
3. Define Group Communication Service.
4. What is Multiprocessing?
5. Clarify Data Dictionary.
6. Comment on Windows NT.
7. Briefly write about the COMA Model.

**SECTION-B**

**Answer any two questions. (10\*2)**

8. Explain the High Performance Fortran (HPF).

9. Discuss the Network Operating System Software in detail.

10. Write a detail note on Network Operating System.

**SECTION-C**

**Answer any two questions. (15\*2)**

11. Describe the Database Integrity in detail.

12. Discuss Array Data Dependence Analysis.

13. Give an overview of Parallel Reduction.