

Reg. No.....

Name.....

B.TECH DEGREE EXAMINATION, MAY 2013

MODEL QUESTION PAPER

Semester-VI

Branch: Computer Science & Engineering

CS010 603 System Software

(Regular -2010 Admissions)

Time: 3Hrs

Maximum marks:100

Part A (Answer all Questions)

Each question carries 3 marks

1. Compare System software and Application software.
2. Write notes on assembler output format.
3. What is an absolute loader?
4. What are the different tasks of document editing process?
5. Define device driver.

(5 x 3 = 15 marks)

Part B (Answer all Questions)

Each Question carries 5 marks

6. Compare interpreter and compiler.
7. Write notes on define, refer and modification records.
8. Explain relocating loaders.
9. Write notes on user interface.
10. Write notes on block device operations.

(5 x 5 = 25 marks)

Turn over

Part C (Answer any one question from each module)

Each Question carries 12 marks

Module 1

11. Explain the basic functions of macro preprocessor.

OR

12. Explain macro preprocessor design in detail.

Module 2

13. Explain single pass assembler with algorithm.

OR

14. Explain the basic functions of an assembler.

Module 3

15. Write notes on automatic library search, linkage editor and dynamic linking.

OR

16. Explain linking loader in detail.

Module 4

17. Explain the different debugging methods in detail.

OR

18. Explain editor structure in detail with neat figures.

Module 5

19. Explain the general design of device driver.

OR

20. Explain the three classes of devices.

(5 x 12 = 60 marks)