C 56974

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2009

Computer Science

CS 203—SOFTWARE ENGINEERING

(2005 admissions)

Time : Three ours   Maximum : 80 Marks

Part A

Answer any **five** *questions.*
Each question carries 8 marks.

1. Write notes on software development era.

2. Explain software engineering paradigm.

3. Differentiate between direct and indirect measures.

4. Discuss about project scheduling.

5. Explain COCOMO Model.

6. What are the testing objectives ? Explain each of them in detail.

7. Describe equivalent partitioning.

(5 x 8 = 40 marks)

Part B

Answer any **four** *questions.*
Each question carries 10 marks.

8. Discuss waterfall method, its advantages, suitability and its problems.

9. Explain Function-point metrics in detail.

10. Describe estimation using decomposition.

11. What are the three formal approaches to SQA ? Discuss statistical quality assurance.

12. Discuss Control structure testing in detail.

13. Explain testing for real-time systems.

(4 x 10 = 40 marks)