COURSE CODE - 6050101

M.PHIL DEGREE EXAMINATION - JAN 2009

M.PHIL (COM. SCIENCE)

ADVANCED COMPUTER TECHNIQUES

(For Candidate Admitted from calendar 2007 onwards)

Time: 3 Hours   Max. Marks: 100

Section - A

Answer ALL the Questions: 10 X 3 = 30

1. Define Functions?

2. Define Data?

3. Define Statements?

4. What are the types of testing?

5. What is meant by Software Project?

6. Define Software Implementation?

7. Define Code generation?

8. What is Symbol Table?

9. Define Parameter Passing?

10. What is meant by expert system?

Section - B

Answer any FIVE Questions: 5 X 6 = 30

11. Write a note on Introduction to programming language?

12. What is Software Engineering? Explain?

13. Write a brief introduction about compiler design?

14. Explain intermediate code generation?

15. What is knowledge representation?

16. What is the role of exert systems?

17. (a) What is perception and limitation?

18. (b) Explain about organizing networks?

Section - C

Answer any TWO Questions: 2 X 20 = 40

19. Write a detail about of data control and storage management?

20. Explain the following

       (a) Lexical Analysis

       (b) Syntax Analysis

21. Explain the following

       (a) Fuzzy reasoning

       (b) Adaptive Learning

       (c) Game playing