MCA/IIS/207/13-Gr.A

MCA 2nd Semester Examination, 2013

SYSTEM PROGRAMMING LAB.

PAPER – CS/MCA-207(Gr.A)

Full Marks : 50

Answer any **one** question

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

1. Write a program to find the factorial value of a Given number in assembly language. 25

2. Write a program to calculate the GCD of two given numbers in assembly language. 25

3. Write an assembly language program to test if a given number is prime or not. 25

4. Write a program to calculate the LCM of two given numbers in assembly language. 25

5. Write an assembly language program to sort the numbers from number list. Using bubble sort technique. 25

6. Write an assembly language program to find the first ten Fibonacci numbers. 25

7. Write an assembly language program to test if a given number is Even or Odd. 25

8. Write an assembly language program to search a number from a given list and find it's position. 25

9. Write an assembly language program to find the reverse order of a given number list. 25

10. Write an assembly language program to find the smallest number among some given numbers. 25

Viva – 15

PNB – 10

Marks Distribution

1. Problem Description – 10 %
2. Program Listing – 40 %
3. Result and Discussion – 30 %
4. Viva – 20 %