POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN)
Term-End Practical Examination
June, 2012

MLIL-007 : PROGRAMMING

Time Allowed : 2 Hours

Maximum Marks : 50
(Practical Work : 40
Viva Voce : 10)
(Weightage : 40%)

General Instructions :

*(i)   This Question Paper comprises **three** parts. Attempt **any one** part. Answer all the questions from attempted part.*

(ii)   Show the output to your examiner.

(iii) Save your output in your system which will be checked by the examiner.

(iv)   Printout of the answers wherever required should be taken in a sheet duly signed by RD with his/her stamp. Write your Roll No., Study Centre and date of examination on these sheets.

(v)   Candidates are not permitted to use any manual/handbook in carrying out the practical.

PART - A : C+ +

1. Write a program in C+ + that accepts 5 numbers as input and prints the sum of all the   **20**
    5 numbers and display the result.

2. Write a program in C+ + to count numbers between 1 to 50. Which are divisible by 2.   **20**

PART - B : Java

1. Write a program in Java that accepts a string as input and counts the number of   **20**
    characters in it.

2. Write a program in Java to declare a class with two integers. Read values using member   **20**
    function. Subtract second integer from the first and display the result.

PART - C : VISUAL BASIC

1. Create a VB application that accepts the marks secured by a student in three courses of   **20**
    semester - 1 as input and display the total, result (PASS OR FAIL) and grade .

    Note : Assumptions can be made wherever necessary.

2. Write a program in VB that accepts the enrolment number of a student and other   **20**
    details. Display the title of the program which is being pursued by him / her from the
    concerned university along with the name of the student and enrolment no.

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