

**POST GRADUATE DIPLOMA IN LIBRARY
AUTOMATION AND NETWORKING (PGDLAN)**

Term-End Practical Examination

December, 2011

00117

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.*
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PART - A : C++

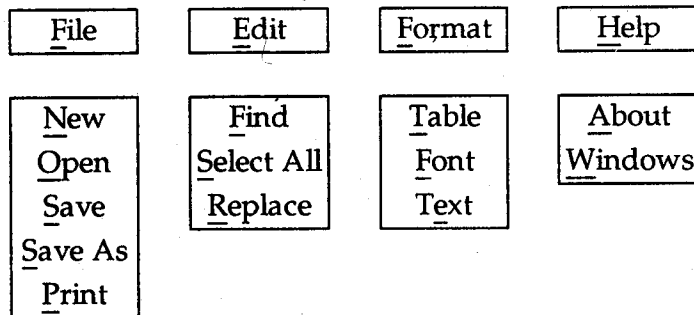
1. Write a program in C++ to declare a class VEHICLE. Derived classes of VEHICLE are TWO-WHEELER, THREE-WHEELER, and FOUR-WHEELER. Display the properties of each type of vehicle using member functions of classes. **20**
2. Create a class with name "EMPLOYEE", add corresponding meaningful data members and member functions to output the employee's name, designation, employee-no, basic salary and department s/he is working. **20**

PART - B : JAVA

1. Write a program in Java to add two matrices A and B. **20**
2. Write a program in Java that accepts two strings S1 and S2 as input, concatenate them and display the resultant string. **20**

PART - C : VISUAL BASIC

1. Create a simple VB application for a retail book-store to take name, address, mobile no, details of books they purchase as input and display the bill-amount s/he has to pay. **20**
2. Write an event procedure to design a simple menu as shown below : **20**



Note : No need of doing any programming. Menu-design is sufficient.
