



BCA P 3

**II Semester B.C.A. Examination, August 2011
C++ LAB**

Time : 3 Hours

Max. Marks : 75

Answer any five questions :

(5×15=75)

1. Write a C++ program to check whether a date is valid or invalid.
 2. Write a C++ program to check a number is prime or not using friend function.
 3. Create a class called Time that contains seconds, minutes and hours. Use public functions called readtime to read time, addtime to add two times and displaytime to display time.
 4. Write a C++ program to find the sum of natural numbers using constructors.
 5. Create a base class for a stack and implement Push and Pop operations. Include a derived class to check and stack criteria.
 6. Write a C++ program to find the GCD and LCM of two numbers.
 7. Write a C++ program to read a matrix and display its transpose.
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