

BACHELOR IN COMPUTER APPLICATIONS (BCA)**Term-End Practical Examination****June, 2008****CS-72P : C++ AND OBJECT ORIENTED PROGRAMMING**

Time allowed : 2 hours

Maximum Marks : 100
(Weightage 15%)**General Instructions :**

- (i) There are two compulsory questions in this paper of 40 marks each. Rest 20 marks are for viva-voce.
- (ii) You must write the appropriate main() function and test your programs.
- (iii) Write/print the programs, input and results on your answer-script.
- (iv) Make and state suitable assumptions, if any.

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1. Design and implement a class "New_Stack" which has all the operations of a stack and other necessary functions. Create an object of this class and use this object to solve the postfix expression : 5 10 + 40
 2. Create a class "Student" which contains the following data items : 40
 - Student name
 - Student enrolment number
 - Programme code
 - Phone number

Design and implement a constructor that initialises all the four data members. Write a function that allows change of phone number. Write a destructor function also.

