

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

December 2015

00159

BCSL-045(P)/S2 : INTRODUCTION TO ALGORITHM DESIGN LAB

Time : 1 Hour

Maximum Marks : 50

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- Note :**
- (i) *There are two **compulsory** questions.*
 - (ii) *Each question carries 20 marks.*
 - (iii) *Remaining 10 marks are for viva-voce.*
 - (iv) *Programs are to be written in 'C' language.*
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1. Write a program that finds the sum of all the integers in an array. Calculate the total time taken to execute the program. 20

 2. Write a program to generate 10 Fibonacci numbers and calculate the time taken to execute each statement of the program and the total time. How many times will the loop execute ? 20
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