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BCSL-045/S2

**Bachelor of Computer
Application (Revised) (BCA)
Term-End Examination
December, 2018**

**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) The rest 10 marks are for viva-voce.
 - (iv) All programs are to be written in 'C' language.
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(A-8) P. T. O.

1. Write a program to produce the largest difference between the consecutive integers in an array. How many times the loop and the subtraction operation will execute? 20
2. Write a C-program to execute a polynomial expression using Horner's rule and count the number of key operations. 20