

GVM's GGPR College of Commerce & Economics,  
Farmagudi- Ponda, Goa.

B.C.A. (Semester I) Intra Semester Assessment (ISA) I- Test, July 2019

**PROBLEM SOLVING AND PROGRAMMING CONCEPTS**

Duration: 45 minutes

Marks: 20

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- Q1) What is an algorithm? (2 Marks)
- Q2) Who designed C language? (2 Marks)
- Q3) Write an algorithm to find factorial of a number. (2 Marks)
- Q4) What are the rules for naming a variable? (2 Marks)
- Q5) Discuss the evolution of programming languages. (3 Marks)
- Q6) Discuss the various data types in C. (3 Marks)
- Q7) Draw flowchart for the following:- (3 Marks)
- a) Entered number is Even or Odd
- Q8) Write a C program to find area of a circle. (3 Marks)