**Professional Course Examination, November 2018**

( 5th Semester )

**BACHELOR OF COMPUTER APPLICATIONS**

Course : BCA–503P

**( Assembly Language Programming )**

**( Practical )**

( Revised )

*Full Marks* : 75

*Time* : 3 hours

*The figures in the margin indicate full marks for the questions*

SECTION—A

Answer *any* **two** questions

**1.** Write an assembly language program to find 1's complement of a given number. 15

**2.** Write an assembly language program to multiply two 8-bit numbers. 15

**3.** Write an assembly language program to rotate right a value four times. 15

## SECTION—B

### Answer *any* **one** question

**4.** Write an assembly language program to add two 16-bit numbers.    20

**5.** Write an assembly language program to generate Fibonacci number.    20

## SECTION—C

**6.** Viva voce    15

**7.** Practical record book    10