

*SH-V//ELC/501C-11(PR)/19*

**B.Sc. 5th Semester (Honours) Practical Examination, 2019-20**

**ELECTRONICS**

**Course ID : 51721**

**Course Code : SH/ELC/501C-11(P)**

Course Title: Microprocessor and Microcontrollers

**Time: 2 Hours**

**Full Marks: 15**

*The figures in the margin indicate full marks.*

*The questions are of equal value.*

*Answer any one question.*

1. Write an assembly language program to perform to transfer a block of data.
2. Write an assembly language program to perform multibyte addition.
3. Write an assembly language program to perform multibyte subtraction.
4. Write an assembly language program to multiply two 8-bit numbers.
5. Write an assembly language program to generate terms of Fibonacci series.
6. Write an assembly language program to find the square root of an integer.
7. Write an assembly language program to find the minimum and maximum among N numbers.
8. Write an assembly language program to find the GCD of two numbers.
9. Write an assembly language program to sort numbers in ascending/descending order.
10. Write an assembly language program to verify the truth table of logic gates.