

**Faculty of Sciences**  
**B.Sc II-Year, CBCS-III Semester Examinations 2018-19**

**SEC PAPER: SCILAB 1**

Time: 2 Hours

Max Marks: 40

**Section-A**

I. Answer any TWO of the following questions (2x5=10 Marks)

1. Define Scilab?
2. Give examples for elementary mathematical functions?
3. Write about built-in logical functions of Scilab.
4. Write about basic matrix processing in Scilab.

**Section-B**

II. Answer the following questions (2x15=30 Marks)

5. (a) Explain about working directory in Scilab environment?

(OR)

(b) Explain about relational operations on vectors & logical operations on vectors in Scilab?

6. (a) Write elaborately about complex numbers and Inverse trigonometric functions?

(OR)

(b) Explain about basic polynomial commands in Scilab?

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