**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

DEPARTMENT OF COMPUTER APPLICATIONS

**Program: Bachelor of Computer Applications - Batch-C**

Semester-I Mid Semester Examination (Practical)

Date:21-09-2019 Day: Saturday Duration: 03:15PM- 04:15PM

**BCA1112C04 Introduction to Programming using Python Lab** Marks: **30**

Instructions:   
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1. In the beginning of each file, write the program objective, name of programmer, date of program creation, programming language and version of program.

2. Attempt all.

3. Name your variables appropriately.

4. Add comments whenever necessary.

5. Prepare a MS Word document of the problem statement, your solution and at least two outputs. (Optional)  
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**SET A**

**[6 x 5 = 30]**

**Q1.** Write a program to calculate area of a circle.

**Q2.** Write a program to display data types of values entered by user.

**Q3.** Create a program to determine the larger of two numbers.

**Q4.** List all the functions and constants of math module.

**Q5.** Create a list of Avengers. Print the name of your favourite avenger.

**Q6.** Write a program to demonstrate the use of end and sep in print() function with different end values and separators.

End

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