

From:

Dt: 13-12-2017

Prof. M.Shashi  
Chairperson, BOS-UG,  
Dept. of CS & SE,  
Andhra University,  
Visakhapatnam

Visakhapatnam

To  
The Dean of Academic Affairs,  
Andhra University  
Visakhapatnam

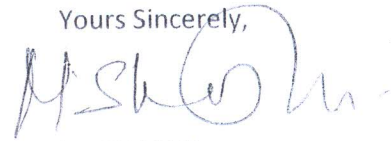
Respected Sir,

Sub: BCA VI semester syllabus and Model paper for Skill development Course-II) –Reg.

I have enclosed herewith the syllabus and model question paper for the Skill Development Course -II offered in BCA VI semester applicable to the admitted batch of 2015-16 under CBCS guidelines as university choice. 'Python Programming' may be offered as the Skill development course-II. I request you to approve the same.

Thanking you,

Yours Sincerely,



(M.SHASHI)

Prof. M. SHASHI M.E., Ph.D.  
Chairperson  
Board of Studies (UG)  
Computer Science & Systems Engineering  
Andhra University  
VISAKHAPATNAM-530 003

Legal Section to  
put up

K. Srinivas  
13/12/17

L.I.3

PYTHON PROGRAMMING

Time: 2hrs

Max. Marks: 50

SECTION – A

Answer any FIVE from the following (5 \* 3 = 15 Marks)

1. Explain the basics for executing a python program using Shell with an example.
2. Write the rules for choosing names of variables.
3. List different conditional statements in python with appropriate examples.
4. What are the different Loops available in python?
5. Write in brief about List in python.
6. Write about different types of arguments in a function.
7. List the features and explain about different Object Oriented features supported by Python.
8. How to declare a constructor method in python? Explain.

SECTION – B

Answer the following (5 \* 7 = 35 Marks)

9. a) Write a python program to read input using Shell and display the output.

(OR)

- b) Write in brief about any 5 keywords in Python.

10. a) Write a program to get the list of even numbers up to a given number.

(OR)

- b) Write a program to get the binary form of a given number.

11. a) Write a python program to describe different ways of deleting an element from the given List.

(OR)

- b) What are the different operations that can be performed on a list? Explain with examples.

12. a) List the features and explain about different Object Oriented features supported by Python.

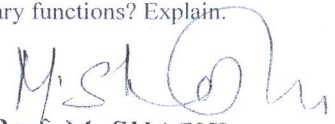
(OR)

- b) Explain the concept of method overriding with an example.

13. a) Write in brief about Dictionary in python. Write operations with suitable examples.

(OR)

- b) What are the advantages of the Python dictionary type? What are built-in dictionary functions? Explain.

  
Prof. M. SHASHI M.E., Ph.D.  
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