



# Sanjay Ghodawat University, Kolhapur

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2018-19

EXM/P/09/01

Year and Program: 2018-19

School of Commerce & Management

Department of MBA

Course Code: MMC BA617

Course Title: Python for Analytics

Semester – III

Day and Date

End Semester Examination (ESE)

Time: Max Marks: 100

Wednesday 19 DECEMBER

10:00 to 12:00 PM

## Instructions:

- 1) All questions are compulsory.
- 2) Assume suitable data wherever necessary.
- 3) Figures to the right indicate full marks.

Q.1	Solve any Two	Marks	Bloom's Level	CO
	a) Explain features and different applications of Python.	08	L <sub>2</sub>	CO1
	b) Explain arithmetic operator in python with an example.	08	L <sub>2</sub>	CO1
	c) Compare syntax and significance of raw_input() and input() methods with example.	08	L <sub>4</sub>	CO1
Q.2	Solve any Two			
	a) Design a Python program to print all prime numbers less than input number.	09	L <sub>6</sub>	CO2
	b) Use of different loops available in python with appropriate examples.	09	L <sub>3</sub>	CO2
	c) Write a Python function that prints all factors of a given number.	09	L <sub>3</sub>	CO2
Q.3	Solve any Three			
	a) Classify logical operator in python with an example.	5	L <sub>4</sub>	CO1
	b) Explain about keywords used in Python.	5	L <sub>2</sub>	CO3
	c) Design break statement and continue statement in python.	5	L <sub>6</sub>	CO3
	d) Explain if ....else statement with example.	5	L <sub>2</sub>	CO2
	e) Design python program to exchange the value of two variables	5	L <sub>6</sub>	CO5
Q.4	Solve any Two			
	a) Design program for function declaration & function calling with explanation python	8	L <sub>6</sub>	CO4
	b) Explain type of parameter passing is used in Python? Justify your answer with sample programs.	8	L <sub>5</sub>	CO4
	c) Distinguish between local and global variables with examples.	8	L <sub>4</sub>	CO4

<b>Q.5</b>	<b>Solve any Two</b>			
a)	Illustrate various built-in list functions and methods.	09	L <sub>4</sub>	CO2
b)	Explain tuple in python? How to create and access it?	09	L <sub>2</sub>	CO2
c)	Use of various built-in string functions.	09	L <sub>3</sub>	CO2
<b>Q.6</b>	<b>Solve any Three</b>			
a)	Illustrate type conversion of variable in python.	06	L <sub>4</sub>	CO5
b)	Use of build-in mathematical functions in Python.	06	L <sub>3</sub>	CO5
c)	Write in brief about Set in python. Write operations with suitable examples.	06	L <sub>3</sub>	CO6
d)	Design a python program to accept two numbers, find greatest and print the result.	06	L <sub>6</sub>	CO6
e)	Explain recursive function with an example.	06	L <sub>2</sub>	CO4

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