



**Mangalmai Institute of Management Technology**  
Greater Noida (U.P.)



**MANGALMAI**  
INSTITUTE OF MANAGEMENT TECHNOLOGY



# **CERTIFICATION PROGRAMME**

**On**

**Introduction to Python Programming language**

**From**

**14<sup>th</sup> September - 2<sup>nd</sup> December 2022**

**Convener: Mr. Abhay N Tripathi, Associate Professor, MIMT**

**For BCA III<sup>rd</sup> Semester**

**Resource Person**

**Ms. Soniya Sharma**  
**Assistant Professor, MIMT**



## Syllabus

### Introduction to Python Programming language

**Duration: 32hours**

#### **ModuleI**

Introduction to Python, Variables, keywords, Identifiers, Basic Operators; String and basicoperation; Conditional Execution: If statements, Loops: For loop, while loop, break andContinue; Functions-Defining your own function, Parameters, Functional Documentation,Variablenumberofarguments,Map,filterandLambdafunction,Dirfunction.

#### **ModuleII**

Containers: Listand List Methods, Sets, Tuples, Dictionaries, Arrays.

#### **ModuleIII**

Modules: Need of modules, creating modules Loading the modules; The Object-OrientedApproach: Classes, Methods, Inheritance Objects; Exception Handling-Error and handlingerrors,Raise,Assert.

#### **TextBook:**

1. Introducing Python- Modern Computingin Simple Packages–Bill Lubanovic, O,Reilly Publication
2. BeginningPython:FromNovicetoProfessional,MagnusLieHetland,Apress
3. Practical Programming:An Introduction to Computer Science Using Python 3, PaulGries,etal.,PragmaticBookshelf,2/E2014

#### **ReferenceBook:**

1. IntroductiontoComputerScienceUsingPython-CharlesDierbach,WileyPublication
2. Learning withPython“,GreenTea Press,2002



## Schedule

Duration:32hours			
Session	Content	Time	Date
1.	IntroductiontoPython	03:00-04:30	14-Sep-22
2.	BasicsofVariables,keywords,Identifiers	03:00-04:30	15-Sep-22
3.	BasicOperators	03:00-04:30	21-Sep-22
4.	Stringandbasicoperation	03:00-04:30	22-Sep-22
5.	ConditionalExecution:Ifstatements	03:00-04:30	28-Sep-22
6.	Loops:Forloop,whileloop	03:00-04:30	29-Sep-22
7.	ConditionalStatement:breakandContinue	03:00-04:30	06-Oct-22
8.	ConceptsofFunctions-Definingyourownfunction	03:00-04:30	13-Oct-22
9.	Parameters,FunctionalDocumentation	03:00-04:30	14-Oct-22
10.	Variablenumberofarguments	03:00-04:30	20-Oct-22
11.	Map,filterandLambdafunction	03:00-04:30	21-Oct-22
12.	Dirfunction	03:00-04:30	28-Oct-22
13.	Containers:ListandListMethods	03:00-04:30	3-Nov-22
14.	BasicsofSets	03:00-04:30	4-Nov-22
15.	IntroductionofTuples	03:00-04:30	10-Nov-22
16.	IntroductiontoDictionaries	03:00-04:30	11-Nov-22
17.	Arrays	11:30-12:30	14-Nov-22
18.	Modules:Needofmodules	12:30-01:30	15-Nov-22
19.	creatingmodules	03:00-04:30	24-Nov-22
20.	The Object-Oriented Approach: Classes, Methods, Objects	03:00-04:30	25-Nov-22
21.	Inheritance,Abstraction	03:00-04:30	1-Dec-22
22.	Exception Handling-Error and handling errors	03:00-04:30	2-Dec-22



	<b>Report</b>
<b>Name of Activity</b>	Introduction to Python Programming language
<b>Date</b>	14 <sup>th</sup> September 2022 to 2 <sup>nd</sup> December 2022
<b>Venue</b>	BCA Classroom
<b>Organized by</b>	Computer Application Department
<b>Resource Person</b>	Ms. Soniya Sharma, Assistant Professor, MIMT
<b>Beneficiary</b>	BCA 3rd Semester (84 Students)
<b>Coordinator:</b>	Mr. Abhay N Tripathi, Associate Professor, MIMT
<b>Objective</b>	<p>When students complete Intro to Programming with Python, they will be able to:</p> <ul style="list-style-type: none"><li>• Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.</li><li>• Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.</li></ul>
<b>Content</b>	<p>With the initiative of IQAC, Mangalmai Institute of Management and Technology organized add on certification course on “Introduction to Python Programming language”. The course enabled the students to define basics of Python Programming, what it comprises and its importance in modern day organization.</p> <p>Day 1: This session started with the discussion on introduction of python.</p> <p>Day 2: In this session, Students learn how to declare the variables and what is keyword and identifiers in python.</p> <p>Day 3: In this interactive session, students knew about the basic operators in python.</p> <p>Day 4: The resource persons started the session with discussion on string keyword and its basic operations applied on strings.</p> <p>Day 5: In this session, learnt about conditional statements such as if, if-else, elif.</p> <p>Day 6: This session was on looping statements..</p> <p>Day 7: This session was focused on another conditional statement that is break and continue.</p> <p>Day 8: In this session, the resource persons discussed about concepts of functions.</p> <p>Day 9: The resource persons discussed how to do parameters functions and functional documentation.</p> <p>Day 10: This session starts with the variable number of arguments.</p> <p>Day 11: This session discussed About the Map, filter and lambda functions.</p> <p>Day 12: In this session, Dir functions were discussed.</p> <p>Day 13: In this session, resource person discussed the containers of python like List and List methods.</p> <p>Day 14: Resource person discussed about the basics of sets.</p>



	<p>Day 15: The Resource person discussed about the introduction of tuples.</p> <p>Day 16: This session was about the dictionaries.</p> <p>Day 17: In this session, Arrays were discussed.</p> <p>Day 18: In module 3, Students learnt about the what is the need of modules in python.</p> <p>Day 19: In this session Students learnt how to create the modules in python.</p> <p>Day 20: This session discussed about the object oriented approach that is classes, methods and objects.</p> <p>Day 21: Students learnt more of oops features that are inheritance and abstractions.</p> <p>Day 22: The resource person discussed how to handle the exception and errors.</p>
<b>Outcome of Activity</b>	<ul style="list-style-type: none"><li>• Understanding about the basic concepts of Python and Problem solving and programming capability.</li><li>• The course teaches you the essential concepts of Python programming, and gives you an in-depth knowledge in data analytics, machine learning, data visualization, web scraping, and natural language processing.</li></ul>



**Mangalmai Institute of Management Technology**  
**Greater Noida (U.P.)**



## **ResourcePersonProfile**

**Name:** Ms Soniya Sharma, Assistant Professor

**Org:** MIMT, Greater Noida

**ResearchArea:** Artificial Intelligence, Machine Learning

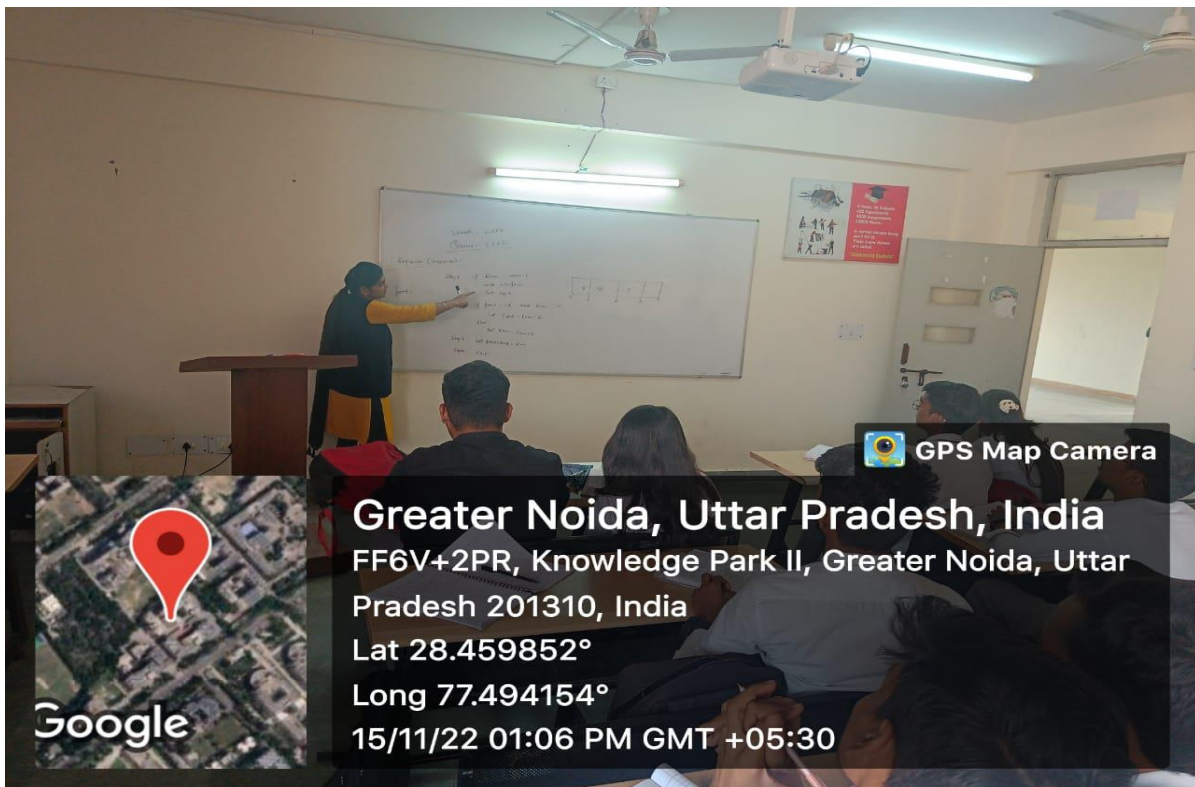
**Core Skills:** Python, DBMS, Data Structure,

**Qualification:** MCA, M. Tech, NET Qualified

**Experience:** 1 years



*Pic1: During the lecture*



*Pic2: During the lecture*



**Mangalmay Institute of Management Technology**  
Greater Noida (U.P.)



**Certificate Template:**



**MANGALMAY**  
INSTITUTE OF MANAGEMENT TECHNOLOGY  
Gr. NOIDA



**CERTIFICATE OF COURSE COMPLETION**

This is to certified the **Aashish Kumar** student of **BCA (Batch: 2021-24)** has successfully completed **32 Hours** course on **“Introduction to Python Programming language”** from **14-September-2022** to **02-December-2022**

PRINCIPAL  
Mangalmay Institute of  
Management & Technology

CONVENER  
Mangalmay Institute of  
Management Technology





Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/2022

Roll No:

Name: Nabamita Paul

Year/Sem: II/III

BH

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1) Who developed Python Programming Language?

a.) Wick van Rossum

b.) Rasmus Lerdorf

c.) Guido van Rossum

d.) Niene Stom

2) Which type of Programming does Python support?

a.) object-oriented programming

b.) structured programming

c.) functional programming

d.) all of the mentioned

3) Which of the following is the correct extension of the Python file?

a.) .python

b.) .pl

c.) .py

d.) .p

4) What will be the value of the Python expression  $(4 + 3 \% 5)$

a.) 7

b.) 2

5) Which of the following character is used to give single-line comments in Python?

a.) //

b.) #

c.) !

d.) /\*

6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

a.) 123

b.) error

c.) 12

d.) none of the mentioned

PTO

- 7) What is the order of precedence in python?
- Exponential, Parentheses.
- a.) Multiplication, Division, Addition, Subtraction      b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c.) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition      ~~d.) Parentheses, Exponential Multiplication, Division, Addition, Subtraction~~
- 8) What are the values of the following Python expressions?
- $2^{**}(3^{**}2)$   
 $(2^{**}3)^{**}2$   
 $2^{**}3^{**}2$
- ~~a.) 512, 64, 512~~      b.) 512, 512, 512 (1)  
c.) 64, 512, 64      d.) 64, 64, 64
- 9) Which of the following functions is a built-in function in python?
- a.) factorial()      ~~b.) print()~~ (1)  
c.) seed()      d.) sqrt()
- 10) What will be the output of the following Python function?
- `min(max(False, -3, -4), 2, 7)`
- a.) -4      b.) -3 (1)  
c.) 2      ~~d.) False~~
- 11) Which of the following is not a core data type in Python programming?
- a.) Tuples      b.) Lists (1)  
~~c.) Class~~      d.) Dictionary
- 12) What will be the output of the following Python expression if  $x=56.236$ ?
- `print("%.2f"%x)`
- a.) 56.236      b.) 56.23 (1)  
c.) 56.0000      ~~d.) 56.24~~
- 13) What will be the output of the Python statement:      `>>>"a"+"bc"`
- a.) bc      ~~b.) abc~~ (1)  
c.) a      d.) bca
- 14) Which one of the following is not a keyword in Python language?
- a.) pass      ~~b.) eval~~ (1)  
c.) assert      d.) nonlocal
- 15) What arithmetic operators cannot be used with strings in Python?
- a.) \*      ~~b.) -~~ (1)  
c.) +      d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 15

Name of Evaluator:

Sign. *[Signature]*

*Ms Soniya Sharma*



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

Roll No:

Name: Deepanshu

Year/Sem: II/III

B72

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1) Who developed Python Programming Language?

- a.) Wick van Rossum  
c.) Guido van Rossum
- b.) Rasmus Lerdorf  
d.) Niene Stom

1

2) Which type of Programming does Python support?

- a.) object-oriented programming  
c.) functional programming
- b.) structured programming  
d.) all of the mentioned

1

3) Which of the following is the correct extension of the Python file?

- a.) .python  
c.) .py
- b.) .pl  
d.) .p

1

4) What will be the value of the Python expression  $(4 + 3 \% 5)$

- a.) 7  
c.) 7
- b.) 2  
d.) 2

1

5) Which of the following character is used to give single-line comments in Python?

- a.) //  
c.) !
- b.) #  
d.) /\*

1

6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

- a.) 1 2 3  
c.) 1 2
- b.) error  
d.) none of the mentioned

2

PTO

- 7) What is the order of precedence in python?
- a.) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c.) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d.) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction
- 8) What are the values of the following Python expressions?
- `2** (3**2)`
- `(2**3)**2`
- `2**3**2`
- a.) 512, 64, 512
- b.) 512, 512, 512
- c.) 64, 512, 64
- d.) 64, 64, 64
- 9) Which of the following functions is a built-in function in python?
- a.) factorial()
- b.) print()
- c.) seed()
- d.) sqrt()
- 10) What will be the output of the following Python function?
- `min(max(False, -3, -4), 2, 7)`
- a.) -4
- b.) -3
- c.) 2
- d.) False
- 11) Which of the following is not a core data type in Python programming?
- a.) Tuples
- b.) Lists
- c.) Class
- d.) Dictionary
- 12) What will be the output of the following Python expression if x=56.236?
- `print("%.2f"%x)`
- a.) 56.236
- b.) 56.23
- c.) 56.0000
- d.) 56.24
- 13) What will be the output of the Python statement:
- `>>>"a"+"bc"`
- a.) bc
- b.) abc
- c.) a
- d.) bca
- 14) Which one of the following is not a keyword in Python language?
- a.) pass
- b.) eval
- c.) assert
- d.) nonlocal
- 15) What arithmetic operators cannot be used with strings in Python?
- a.) \*
- b.) -
- c.) +
- d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 13

Name of Evaluator:

Sign. Sharma

Ms Saniya Sharma



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

Roll No:

Name: Goutab Sharma

Year/Sem: II/III

8/12

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

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c.) Guido van Rossum                    d.) Niene Stom

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- a.) .python                                  b.) .pl  
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4) What will be the value of the Python expression (4 + 3 % 5)

- a.) 7    b.) 2

1

5) Which of the following character is used to give single-line comments in Python?

- a.) //                                        b.) #  
c.) !                                         d.) /\*

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6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

- a.) 1 2 3                                    b.) error  
c.) 1 2                                      d.) none of the mentioned

1

PTO

- 7) What is the order of precedence in python?
- a.) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c.) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
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- $2^{**}3^{**}2$
- ~~a.)~~ 512, 64, 512
- b.) 512, 512, 512
- c.) 64, 512, 64
- d.) 64, 64, 64
- 9) Which of the following functions is a built-in function in python?
- a.) factorial()
- ~~b.)~~ print()
- c.) seed()
- d.) sqrt()
- 10) What will be the output of the following Python function?
- `min(max(False, -3, -4), 2, 7)`
- a.) -4
- b.) -3
- ~~c.)~~ 2
- ~~d.)~~ False
- 11) Which of the following is not a core data type in Python programming?
- a.) Tuples
- b.) Lists
- ~~c.)~~ Class
- d.) Dictionary
- 12) What will be the output of the following Python expression if  $x=56.236$ ?
- `print("%.2f"%x)`
- a.) 56.236
- b.) 56.23
- ~~c.)~~ 56.0000
- d.) 56.24
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- a.) bc
- ~~b.)~~ abc
- c.) a
- d.) bca
- 14) Which one of the following is not a keyword in Python language?
- a.) pass
- ~~b.)~~ eval
- c.) assert
- d.) nonlocal
- 15) What arithmetic operators cannot be used with strings in Python?
- a.) \*
- ~~b.)~~ -
- c.) +
- d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 15

Name of Evaluator:

Sign. *[Signature]*

*Ms Soniya Sharma*



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

BH

Roll No:

Name: Kunwar Pal

Year/Sem: II/III

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

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a.) 7

b.) 2

1

5) Which of the following character is used to give single-line comments in Python?

a.) //

b.) #

c.) !

d.) /\*

1

6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

a.) 123

b.) error

c.) 12

d.) none of the mentioned

2

PTO

- 7) What is the order of precedence in python?
- a.) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c.) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction
- ~~d.)~~ Parentheses, Exponential, Multiplication, Division, Addition, Subtraction
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- $(2^{**}3)^{**}2$
- $2^{**}3^{**}2$
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- b.) 512, 512, 512
- c.) 64, 512, 64
- d.) 64, 64, 64
- 9) Which of the following functions is a built-in function in python?
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- b.) print()
- c.) seed()
- d.) sqrt()
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- `min(max(False, -3, -4), 2, 7)`
- a.) -4
- b.) -3
- c.) 2
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- d.) nonlocal
- 15) What arithmetic operators cannot be used with strings in Python?
- a.) \*
- b.) -
- c.) +
- d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 13

Name of Evaluator:

Sign.

Ms. Soniya Sharma

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BHK

Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 20/11/22

Roll No:

Name: Proch Pandhir

Year/Sem: II/III

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

- 1) Who developed Python Programming Language?  
a.) Wick van Rossum  
~~a.)~~ Guido van Rossum  
b.) Rasmus Lerdorf  
c.) Niene Stom  
d.) Niene Stom
- 2) Which type of Programming does Python support?  
a.) object-oriented programming  
b.) structured programming  
c.) functional programming  
d.) all of the mentioned
- 3) Which of the following is the correct extension of the Python file?  
a.) .python  
b.) .pl  
c.) .py  
d.) .p
- 4) What will be the value of the Python expression  $(4 + 3 \% 5)$   
a.) 7  
b.) 2
- 5) Which of the following character is used to give single-line comments in Python?  
a.) //  
b.) #  
c.) !  
d.) /\*
- 6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

- a.) 123
- b.) error
- c.) 12
- d.) none of the mentioned

PTO

- 7) What is the order of precedence in python?
- a.) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c.) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d.) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction
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- $2^{**}3^{**}2$
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- b.) 512, 512, 512
- c.) 64, 512, 64
- d.) 64, 64, 64
- 9) Which of the following functions is a built-in function in python?
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- b.) print()
- c.) seed()
- d.) sqrt()
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- a.) -4
- b.) -3
- c.) 2
- d.) False
- 11) Which of the following is not a core data type in Python programming?
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- b.) Lists
- c.) Class
- d.) Dictionary
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- `>>>"a"+"bc"`
- a.) bc
- b.) abc
- c.) a
- d.) bca
- 14) Which one of the following is not a keyword in Python language?
- a.) pass
- b.) eval
- c.) assert
- d.) nonlocal
- 15) What arithmetic operators cannot be used with strings in Python?
- a.) \*
- b.) -
- c.) +
- d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 13

Name of Evaluator:

Sign. SSY

Ms Seniya Shama



BA2

Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

Roll No:

Name: Priyanka Basal

Year/Sem: II/III

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

- 1) Who developed Python Programming Language?  
a.) Wick van Rossum  
b.) Rasmus Lerdorf  
c.) ~~Guido van Rossum~~  
d.) Niene Stom
- 2) Which type of Programming does Python support?  
a.) object-oriented programming  
b.) structured programming  
c.) functional programming  
d.) ~~all of the mentioned~~
- 3) Which of the following is the correct extension of the Python file?  
a.) .python  
b.) .pl  
c.) ~~.py~~  
d.) .p
- 4) What will be the value of the Python expression  $(4 + 3 \% 5)$ ?  
a.) ~~7~~  
b.) 2
- 5) Which of the following character is used to give single-line comments in Python?  
a.) //  
b.) ~~#~~  
c.) !  
d.) /\*
- 6) What will be the output of the following Python code?  

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i + = 1
```

  
a.) 123  
b.) ~~error~~  
c.) 12  
d.) none of the mentioned

PTO

- 7) What is the order of precedence in python?
- Exponential, Parentheses,
- a.) Multiplication, Division, Addition, Subtraction      b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- Parentheses, Exponential,
- c.) Multiplication, Division, Subtraction, Addition      ~~d.) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction~~ ①
- 8) What are the values of the following Python expressions?
- $2^{**}(3^{**}2)$   
 $(2^{**}3)^{**}2$   
 $2^{**}3^{**}2$
- a.) 512, 64, 512      ~~b.) 512, 512, 512~~ 2
- c.) 64, 512, 64      d.) 64, 64, 64
- 9) Which of the following functions is a built-in function in python?
- a.) factorial()      ~~b.) print()~~ ①
- c.) seed()      d.) sqrt()
- 10) What will be the output of the following Python function?
- `min(max(False, -3, -4), 2, 7)`
- a.) -4      b.) -3 ①
- c.) 2      ~~d.) False~~
- 11) Which of the following is not a core data type in Python programming?
- a.) Tuples      b.) Lists ①
- ~~c.) Class~~      d.) Dictionary
- 12) What will be the output of the following Python expression if  $x=56.236$ ?
- `print("%.2f"%x)`
- a.) 56.236      b.) 56.23 ①
- c.) 56.0000      ~~d.) 56.24~~
- 13) What will be the output of the Python statement: `>>>"a"+"bc"`
- a.) bc      ~~b.) abc~~ ①
- c.) a      d.) bca
- 14) Which one of the following is not a keyword in Python language? ①
- a.) pass      ~~b.) eval~~
- c.) assert      d.) nonlocal
- 15) What arithmetic operators cannot be used with strings in Python? 2
- ~~a.) \*~~      b.) -
- c.) +      d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 13

Name of Evaluator:

Sign. *HSJ*

*Ms. Soniya Sharma*



BK2

Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

Roll No:

Name: Rohan

Year/Sem: II/III

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

- 1) Who developed Python Programming Language?
  - a.) Wick van Rossum
  - b.) Rasmus Lerdorf
  - c.) Guido van Rossum
  - d.) Niene Stom
- 2) Which type of Programming does Python support?
  - a.) object-oriented programming
  - b.) structured programming
  - c.) functional programming
  - d.) all of the mentioned
- 3) Which of the following is the correct extension of the Python file?
  - a.) .python
  - b.) .pl
  - c.) .py
  - d.) .p
- 4) What will be the value of the Python expression  $(4 + 3 \% 5)$ ?
  - a.) 7
  - b.) 2
- 5) Which of the following character is used to give single-line comments in Python?
  - a.) //
  - b.) #
  - c.) !
  - d.) /\*
- 6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

  - a.) 1 2 3
  - b.) error
  - c.) 1 2
  - d.) none of the mentioned

PTO

7) What is the order of precedence in python?

- a.) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c.) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d.) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

8) What are the values of the following Python expressions?

`2** (3**2)`  
`(2**3)**2`  
`2**3**2`

- a.) 512, 64, 512
- b.) 512, 512, 512
- c.) 64, 512, 64
- d.) 64, 64, 64

9) Which of the following functions is a built-in function in python?

- a.) factorial()
- b.) print()
- c.) seed()
- d.) sqrt()

10) What will be the output of the following Python function?

`min(max(False, -3, -4), 2, 7)`

- a.) -4
- b.) -3
- c.) 2
- d.) False

11) Which of the following is not a core data type in Python programming?

- a.) Tuples
- b.) Lists
- c.) Class
- d.) Dictionary

12) What will be the output of the following Python expression if  $x=56.236$ ?

`print("%.2f"%x)`

- a.) 56.236
- b.) 56.23
- c.) 56.0000
- d.) 56.24

13) What will be the output of the Python statement:

`>>>"a"+"bc"`

- a.) bc
- b.) abc
- c.) a
- d.) bca

14) Which one of the following is not a keyword in Python language?

- a.) pass
- b.) eval
- c.) assert
- d.) nonlocal

15) What arithmetic operators cannot be used with strings in Python?

- a.) \*
- b.) -
- c.) +
- d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 12

Name of Evaluator:

Sign. 

MS Soniya Sharma



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

Blz

Roll No:

Name: Shivam

Year/Sem: II/III

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

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- 5) Which of the following character is used to give single-line comments in Python?
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  - c.) !
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- 6) What will be the output of the following Python code?

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i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

  - a.) 1 2 3
  - b.) error
  - c.) 1 2
  - d.) none of the mentioned

PTO

7) What is the order of precedence in python?

- Exponential, Parentheses,
- a.) Multiplication, Division, Addition, Subtraction
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- a.) 512, 64, 512
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9) Which of the following functions is a built-in function in python?

- a.) factorial()
- b.) print()
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`min(max(False, -3, -4), 2, 7)`

- a.) -4
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`print("%.2f"%x)`

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`>>>"a"+"bc"`

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- b.) eval
- c.) assert
- d.) nonlocal

15) What arithmetic operators cannot be used with strings in Python?

- a.) \*
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- c.) +
- d.) All of the mentioned

----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 12

Name of Evaluator:

Sign. *[Signature]*

*Ms Soniya Sharma*





Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

B/B

Roll No:

Name: Sudheep

Year/Sem: II/III

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

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```
i = 1
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    if i%3 == 0:
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    print(i)
    i += 1
```

  - a.) 1 2 3
  - b.) error
  - c.) 1 2
  - d.) none of the mentioned

PTO

- 7) What is the order of precedence in python?
- a.) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
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- $2^{**}3^{**}2$
- a.)  512, 64, 512
- b.) 512, 512, 512
- c.) 64, 512, 64
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- 15) What arithmetic operators cannot be used with strings in Python?
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- c.) +
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----- For Departmental use only -----

Max. Marks: 15

Marks Obtained: 12

Name of Evaluator:

Sign. BY

Ms. Soniya Sharma



Course: BCA

ADD-ON COURSE QUIZ

Time: 30 Min

Course Name: Introduction to Python  
Programming

Date: 26/12/22

Roll No:

Name: Tonvi Singh

Year/Sem: II/III

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- a.) 7    b.) 2

5) Which of the following character is used to give single-line comments in Python?

- a.) //                                         b.) #  
c.) !                                         d.) /\*

6) What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i + = 1
```

- a.) 123                                        b.) error  
c.) 12                                        d.) none of the mentioned

PTO

7) What is the order of precedence in python?

- Exponential, Parentheses,  
a.) Multiplication, Division, Addition, Subtraction      b.) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction  
c.) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition      d.) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

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 $2^{**}3^{**}2$

- a.) 512, 64, 512      b.) 512, 512, 512  
c.) 64, 512, 64      d.) 64, 64, 64

9) Which of the following functions is a built-in function in python?

- a.) factorial()      b.) print()  
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c.) +      d.) All of the mentioned

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Name of Evaluator:

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Ms Sanjay Sharma