RV College of Engineering'

Department of Artificial Intelligence and Machine Learning

Course Code: 22PL1B01   Date:

Sem: 1 Semester   Maximum Marks: 50

Duration: 120 Minutes

Introduction to Python Programming
Quiz-1

Note: Answer all 10 Questions

SL. No	Question	M	BT	CO
1	What will be the value of the following Python expression? $4+9/3$	1	1	1
2	Why python is called as weakly typed language?	1	1	1
3	Write Analyse the output of below python code? `i = 1` `while True:` `    if i%3 == 0:` `        break` `    print(i)` `    i += 1`	1	3	1
4	Which type of Programming does Python support? a) object-oriented programming b) structured programming c) functional programming d) all of the mentioned	1	1	1
5	Which arithmetic operator cannot be used with strings in Python? a) * b) – c) + d) All of the mentioned	1	1	1
6	Identify the output of the following statement? `X=3` `print(x**3)`	1	3	1
7	Modify the code to terminate the below infinite loop? `a=10` `while a>=0:` `    print ("Printing: ", a)` `    if a==0:` `        break` `    a+=1`	1	3	2
8	Write python code to print the below lines `My++Name++Is-->**`	1	1	1

RV College of Engineering
Autonomous   Approved by AICTE
Institution Affiliated   New Delhi
to Visvesvaraya
Technological
University, Belagavi

Department of Artificial Intelligence and Machine Learning

	James\\Bond					
9	What is the result of the expression 10<<1			1	1	1
10	Compare / and // operators in python			1	2	1

Course Outcomes: After completing the course, the students will be able to
CO1:	Apply fundamental knowledge of Python programming to solve the engineering problems
CO2:	Identify the problems in various application domains and solve them using different concepts of Python programming
CO3:	Design a solution using Python programming with societal, environmental, and other concerns by engaging in lifelong learning for emerging technology
CO4:	Demonstrate the use of modern tools by exhibiting teamwork and effective communication skills

M-Marks, BT-Blooms Taxonomy Levels, CO-Course Outcomes

	Particulars	CO1	CO2	CO3	CO4	L1	L2	L3	L4	L5	L6
Marks Distribution	Max Marks	6	4	-	-	6	1	3	-	-	-

RV College of Engineering
Autonomous   Approved by AICTE
Institution Affiliated   New Delhi
to Visvesvaraya
Technological
University, Belagavi

USN:

Department of Artificial Intelligence and Machine Learning

Course Code: 22PL1B01

Date:

Sem: I Semester

Maximum Marks: 50

Duration: 120 Minutes

Introduction to Python Programming
Test-1

Note: Answer all the Questions

SL. No		Questions	M	BT	CO
1	a)	Discuss the typical characteristics of Python Programming Language.	5	2	1
	b)	Illustrate the use of Escaping Sequences with the Strings	5	3	1
2	a)	Accept the String from the User and illustrate any 5 String Operations.	5	3	2
	b)	With an example illustrate Augmented Assignment Operators and how these are helpful in programming.	4+1	3	1
3	a)	Illustrate: 1. Variables in Python and 2. Type Conversion	5	4	2
	b)	Read the Three test marks from the user, find the average of the marks. If the average is greater than 40% print the student is eligible for SEE Exam, otherwise print not eligible	5	3	2
4	a)	Write a program to create Simple Calculator using elif statements.	5	3	1
	b)	Write a program to print the multiplication table 11>= N <=20	5	3	1
5	a)	Write a program to generate the following sequence 0 1 1 2 3 5 8 13 ...... N	5	3	1
	b)	Illustrate Bitwise Operator.	5		

Course Outcomes: After completing the course, the students will be able to	
CO1:	Apply fundamental knowledge of Python programming to solve the engineering problems
CO2:	Identify the problems in various application domains and solve them using different concepts of Python programming
CO3:	Design a solution using Python programming with societal, environmental, and other concerns by engaging in lifelong learning for emerging technology
CO4:	Demonstrate the use of modern tools by exhibiting teamwork and effective communication skills

M-Marks, BT-Blooms Taxonomy Levels, CO-Course Outcomes

	Particulars	CO1	CO2	CO3	CO4	L1	L2	L3	L4	L5	L6
Marks Distribution	Max Marks	35	15	-	-	-	5	40	5	-	-

Go, Change the World