END SEMESTER EXAMINATION JULY 2020

Programme Name: B.Tech(CSE- DevOps)   **Semester   : VI**

Course Name   :   Functional Thinking

Course Code   :   CSBD1002   **Max. Marks :**

MC	Which of the following is correct about Python?	High-level scripting language	Incorrect	Uses English keywords frequently	Incorrect	Highly readable	Incorrect	All of the above	Correct
MC	Which of the following environment variable for Python tells the Python interpreter where to locate the module files imported into a program?	PYTHONPATH	Correct	PYTHONCASEOK	Incorrect	PYTHONSTARTUP	Incorrect	PYTHONHOME	Incorrect
MC	Which of the following is valid about Python?	Supports automatic garbage collection	Incorrect	Easily integrated with C, C++	Incorrect	Only a & b	Correct	Does not support dynamic check	Incorrect
MC	What is the extension of python file?	.p	Incorrect	.python	Incorrect	.py	Correct	.pcb	Incorrect
MC	Which of the following data types	Numbers	Incorrect	List	Incorrect	String	Incorrect	Slice	Correct

M C	is not supported in python?								
M C	Which of the following environment variable for Python is used in Windows to instruct Python to find the first case-insensitive match in an import statement?	PYTHONPA TH	Incorr ect	PYTHONCAS EOK	Incorr ect	PYTHONSTAR TUP	Correc t	PYTHONH OME	Incorr ect
M C	Python is Object Oriented Programming Language.	Neither True nor False	Incorr ect	TRUE	Correc t	FALSE	Incorr ect	None of the above	Incorr ect
M C	By the use of which character, single line is made comment in Python?	!	Incorr ect	#	Correc t	$	Incorr ect	**	Incorr ect
M C	Which of the following is valid about Python?	Supports functional programming	Incorr ect	Provides high-level dynamic data types	Incorr ect	Used as a scripting language	Incorr ect	All of the above	Correc t
M C	What is used to define a block of code in Python?	Parenthesis	Incorr ect	Indentation	Correc t	Curly braces	Incorr ect	None of the above	Incorr ect
M C	Which of the following is incorrect variable name in Python?	variable_1	Incorr ect	variable1	Incorr ect	1variable	Correc t	_variable	Incorr ect
M C	Why are local variable names beginning with an	they confuse the interpreter	Incorr ect	they are used to indicate a private	Correc t	they are used to indicate global variables	Incorr ect	they slow down execution	Incorr ect

	underscore discouraged?			variables of a class					
M C	Which of these are keyword used in python?	in	Incorrect	is	Incorrect	assert	Incorrect	All of the above	Correct
M C	What is the output of the following code : print 5//2	2	Correct	2.5	Incorrect	2.3	Incorrect	Error	Incorrect
M C	What is the output of print str[0] if str = 'Hello World!'?	Hello World!	Incorrect	H	Correct	ello World!	Incorrect	None of the above.	Incorrect
M C	What is the output of print list[0] if list = ['abcd', 786 , 2.23, 'john', 70.2]?	['abcd', 786 , 2.23, 'john', 70.2]	Incorrect	abcd	Correct	Error	Incorrect	None of the above.	Incorrect
M C	What is the output of print tinylist * 2 if tinylist = [123, 'john']?	[123, 'john', 123, 'john']	Correct	[123, 'john'] * 2	Incorrect	Error	Incorrect	None of the above.	Incorrect
M C	Which of the following is correct about tuples in python?	A tuple is another sequence data type that is similar to the list.	Incorrect	A tuple consists of a number of values separated by commas.	Incorrect	Unlike lists, however, tuples are enclosed within parentheses.	Incorrect	All of the above.	Correct
M C	What is the output of print tuple[1:3] if tuple = ('abcd', 786 , 2.23, 'john', 70.2)?	('abcd', 786 , 2.23, 'john', 70.2)	Incorrect	abcd	Incorrect	(786, 2.23)	Correct	None of the above.	Incorrect
M C	Which of the following function of dictionary gets all	getkeys()	Incorrect	key()	Incorrect	keys()	Correct	None of the above.	Incorrect

	the keys from the dictionary?								
MC	What is the output of print str if str = 'Hello World!'?	Hello World	Correct	Error	Incorrect	Str	Incorrect	None of the above	Incorrect
MC	What is the output of print tuple[0] if tuple = ('abcd', 786 , 2.23, 'john', 70.2)?	('abcd', 786 , 2.23, 'john', 70.2)	Incorrect	abcd	Correct	Error	Incorrect	None of the above.	Incorrect
MC	Which of the following function convert a string to a float in python?	int(x [,base])	Incorrect	long(x [,base])	Incorrect	float(x)	Correct	str(x)	Incorrect
MC	Which of the following function of dictionary gets all the values from the dictionary?	getvalues()	Incorrect	value()	Incorrect	values()	Correct	None of the above.	Incorrect
MC	Which of the following function convert a string to an int in python?	int(x [,base])	Correct	long(x [,base])	Incorrect	float(x)	Incorrect	str(x)	Incorrect
MC	Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?	**	Incorrect	//	Incorrect	is	Correct	not in	Incorrect
MC	Which of the following is the use	Functions are reusable	Correct	Functions don't provide better modularity for	Incorrect	You can't also create your own functions	Incorrect	All of the mentioned	Incorrect

	of function in python?	pieces of programs		your application						
M C	Which of the following function convert an object to a regular expression in python?	repr(x)	Correct	eval(str)	Incorrect	tuple(s)	Incorrect	list(s)	Incorrect
M C	Which of the following function convert an object to a string in python?	int(x [,base])	Incorrect	long(x [,base])	Incorrect	float(x)	Incorrect	str(x)	Correct
M C	Which one of the following is a valid Python if statement :	if a>=2 :	Correct	if (a >= 2)	Incorrect	if (a => 22)	Incorrect	if a >= 22	Incorrect
M C	Which of the following function convert a String to an object in python?	repr(x)	Incorrect	eval(str)	Correct	tuple(s)	Incorrect	list(s)	Incorrect
M C	Which of the following function convert a String to a tuple in python?	repr(x)	Incorrect	eval(str)	Incorrect	tuple(s)	Correct	list(s)	Incorrect
M C	Which of the following function convert a String to a list in python?	repr(x)	Incorrect	eval(str)	Incorrect	tuple(s)	Incorrect	list(s)	Correct
M C	Which of the following function convert a String to a set in python?	repr(x)	Correct	eval(str)	Incorrect	tuple(s)	Incorrect	list(s)	Incorrect
M C	Which of the following function convert a sequence	set(x)	Incorrect	dict(d)	Correct	frozenset(s)	Incorrect	chr(x)	Incorrect

		of tuples to dictionary in python?										
M C	Which of the following function convert a string to a frozen set in python?	set(x)	Incorrect	dict(d)	Incorrect	frozenset(s)	Correct	chr(x)	Incorrect
M C	Which of the following function convert an integer to a character in python?	set(x)	Incorrect	dict(d)	Incorrect	frozenset(s)	Incorrect	chr(x)	Correct
M C	Which of the following function convert an integer to an unicode character in python?	unichr(x)	Correct	ord(x)	Incorrect	hex(x)	Incorrect	oct(x)	Incorrect
M C	Which of the following function convert a single character to its integer value in python?	unichr(x)	Incorrect	ord(x)	Correct	hex(x)	Incorrect	oct(x)	Incorrect
M C	Which of the following function convert an integer to hexadecimal string in python?	unichr(x)	Incorrect	ord(x)	Incorrect	hex(x)	Correct	oct(x)	Incorrect
M C	Which of the following function convert an integer to octal string in python?	unichr(x)	Incorrect	ord(x)	Incorrect	hex(x)	Incorrect	oct(x)	Correct

M C	Which of the following operator in python performs exponential (power) calculation on operands?	**	Correct	//	Correct	is	Incorrect	not in	Incorrect
M C	Which of the following operator in python performs the division on operands where the result is the quotient in which the digits after the decimal point are removed?	**	Incorrect	//	Correct	is	Incorrect	not in	Incorrect
M C	Which of the following environment variable for Python is an alternative module search path?	PYTHONPATH	Incorrect	PYTHONCASEOK	Incorrect	PYTHONSTARTUP	Incorrect	PYTHONHOME	Correct
M C	What is the output of print list if list = ['abcd', 786 , 2.23, 'john', 70.2]?	['abcd', 786 , 2.23, 'john', 70.2]	Correct	list	Incorrect	Error	Incorrect	None of the above.	Incorrect
M C	What is the output of print list if tuple = ('abcd', 786 , 2.23, 'john', 70.2)?	('abcd', 786 , 2.23, 'john', 70.2)	Correct	tuple	Incorrect	Error	Incorrect	None of the above.	Incorrect
M C	Which of the following function convert a string to a long in python?	int(x [,base])	Incorrect	long(x [,base])	Correct	float(x)	Incorrect	str(x)	Incorrect

MC	Which of the following environment variable for Python contains the path of an initialization file containing Python source code?	PYTHONPATH	Incorrect	PYTHONCASEOK	Correct	PYTHONSTARTUP	Incorrect	PYTHONHOME	Incorrect
MC	What will be output of this expression:'p' + 'q' if '12'.isdigit() else 'r' + 's'	pq	Correct	rs	Incorrect	pqrs	Incorrect	pq22	Incorrect
MC	In Python, how are arguments passed?	pass by value	Incorrect	pass by reference	Correct	It gives options to user to choose	Incorrect	Both A and B	Incorrect
MC	Which of the following is not a type of argument in Python?	Keyword	Incorrect	Variable argument count	Incorrect	Positional	Incorrect	None of these	Correct
MC	Which among the following are mutable objects in Python?	List	Correct	Integer	Incorrect	String	Incorrect	Tuple	Incorrect
MC	What is the output of print str * 2 if str = 'Hello World!'?	Hello World!Hello World!	Correct	Hello World! * 2	Incorrect	Hello World!	Incorrect	None of the above.	Incorrect
MC	Which of the following is correct? class A: def __init__(self,name): self.name=name	id(a1) and id(a2) will have same value.	Incorrect	id(a1) and id(a2) will have different values.	Correct	Two objects with same value of attribute cannot be created.	Incorrect	None of the above	Incorrect

	a1=A("john") a2=A("john")							

M C	Which of the following is correct?
	class A:
	
	 def __init__(self):
	
	 self.count=5
	
	 self.count=count+1
	
	a=A()
	
	print(a.count)
		5	Incorr ect	6	Incorr ect	0	Incorr ect	Error	Correc t

M C	In python, what is method inside class?	attribute	Incorr ect	object	Incorr ect	argument	Incorr ect	function	Correc t
M C	Which of the following is correct? class Book: def __init__(self,author) : self.author=author	Both book1 and book2 will have reference to two different objects of class Book.	Incorr ect	id(book1) and id(book2) will have same value.	Correc t	It will throw error as multiple references to same object is not possible.	Incorr ect	None of the above	Incorr ect

	book1=Book("V.M. Shah") book2=book1								
MC	What is PEP 8?	PEP 8 is a coding convention, a set of recommendations, about how to write your Python code more readable	Correct	Keyword	Incorrect	Datatype	Incorrect	None of the following	Incorrect
MC	What is __init__ in Python?	Reseved method in python classes	Correct	Functions	Incorrect	Variable	Incorrect	None of the following	Incorrect
MC	What among is/are differences between python 2 and 3?	ASCII and Unicode	Correct	Functions and Methods	Incorrect	String and Substring	Incorrect	None of the following	Incorrect