Part	sub/obj	Marks	Question	Answer Option 1	Answer Option 2	Answer Option 3	Answer Option 4	ct Answer(A/E	CO	n's Taxonomy Level	
A	obj	1	Which one of the following is the correct extension of the Python file?	.py	.python	.p	None of these	A	CO1	L3,L4	
A	obj	1	What do we use to define a block of code in Python language?	Key	Brackets	Indentation	None of these	C	CO1	L3,L4	
A	obj	1	Which character is used in Python to make a single line comment?	/	//	#	!	B	CO1	L3,L4	
A	obj	1	Which of the following operators is the correct option for power(ab)?	a ^ b	a**b	a ^ ^ b	a ^ * b	B	CO1	L3,L4	
A	obj	1	Which of the following functions is a built-in function in python language?	val()	print()	print	None of these	B	CO1	L3,L4	
A	obj	1	Study the function: all([2,4,0,6]) What will be the output of this function?	FALSE	TRUE	0	All of these	A	CO2	L3,L4	
A	obj	1	What is the purpose of NumPy in Python?	do numerical calculatior	To do scientific computing	Both A and B	one of the mentioned above	C	CO2	L3,L4	
A	obj	1	NumPy package is capable to do fast operations on arrays.	TRUE	FALSE			A	CO2	L3,L4	
A	obj	1	Amongst which Python library is similar to Pandas?	Npy	RPy	NumPy	None	C	CO2	L3,L4	
A	obj	1	Amongst which Python library is similar to Pandas?	Indexed	Sliced	Iterated	Al the above	D	CO2	L3,L4	
A	obj	1	What's the output of the following code: import numpy as np a=np.array([1,2,3,4,5,6]) print(a)	[1 2 3 4 5]	[1 2 3 4 5 6]	[0 1 2 3 4 5 6]	one of the mentioned above	B	CO2	L3,L4	
A	obj	1	What's the output of the following code: import numpy as np x = np.array([[0, 1], [2, 3]]) np.transpose(x)	array([[0, 2], [1, 3]])	array([[0, 1], [2, 3]])	ray([[2, 3], [0, 1]])	None of the above	A	CO2	L3,L4	

Part	sub/obj	Marks	Question	Answer Option 1	Answer Option 2	Answer Option 3	Answer Option 4	ct Answer(A/E	CO	n's Taxonomy Level
A	obj	1	What's the output of the following code: from numpy import random x = random.randint(100) print(x)	56	26	48	All the given	D	CO2	L3,L4
A	obj	1	Using ndim we can find -	find the dimension of th	Size of array	tional activities on M	one of the mentioned abov	A	CO2	L3,L4
A	obj	1	NumPy is often used along with packages like?	Matplotlib	SciPy	Both A and B	None	C	CO2	L3,L4
A	obj	1	What will be printed? import numpy as np a = np.array([1,2,3,5,8]) b = np.array([0,3,4,2,1]) c = a + b c = c*a print (c[2])	7	12	10	21	D	CO2	L3,L4
A	obj	1	What will be output for the following code? import numpy as np a = np.array([[1,2,3],[0,1,4]]) print (a.size) A. 1 B. 5 C. 6 D.	1	5	6	4	C	CO2	L3,L4
A	obj	1	What will be output for the following code?	0	1	2	3	B	CO2	L3,L4
A	obj	1	What does the eye() function in the NumPy package return?	A diagonal matrix	A null matrix	ric matrix with only 1	An identity matrix	D	CO2	L3,L4
A	obj	1	Slicing arrays which of the following would extract all the first 3 rows of the last 5 columns in a given numpy 2d array 'a'?	a[:, :3]	a[:, 3]	a[:, 2]	a[:, :2]	A	CO2	L3,L4
A	obj	1	To create sequences of numbers, NumPy provides a function _____ analogous to range that returns arrays instead of lists	arange	aline	aspace	All of the Above	A	CO2	L3,L4
A	obj	1	What is the out put of the given code? import pandas as pd series1 = pd.Series([10,20,30,40,50]) print (series1)	02 303 404 50dtype	203 304 405 50dtype: in	303 404 50dtype	NOne	A	CO2	L3,L4

Part	sub/obj	Marks	Question	Answer Option 1	Answer Option 2	Answer Option 3	Answer Option 4	ct Answer(A/B	CO	n's Taxonomy Level	
A	obj	1	Give output of the given Code: import pandas as pnd pnd.Series([1,2], index= ['a','b','c'])	Syntax error	Index error	Value Error	None	A	CO2	L3,L4	
A	obj	1	The following code create a dataframe named 'D1' with _____ columns. import pandas as pd dicts = [{'a':10, 'b':20}, {'a':5, 'b':10, 'c':20}] D1 = pd.DataFrame(dicts)v	1	2	3	4	C	CO2	L3,L4	
A	obj	1	Which of the following function is used to create DataFrame?	DataFrame( )	NewFrame( )	CreateDataFrame( )	None of the Above	A	CO2	L3,L4	
A	obj	1	Which library is to be imported for creating DataFrame?	Python	DataFrame	Pandas	Random	B	CO2	L3,L4	
A	obj	1	Panadas in Python stands for	Panel Data analysis	PAnel Data analysts	Panel Data	Panel Dashboard	A	CO2	L3,L4	
A	obj	1	Whihc of the library is used in python for plotting graphs and visulaizations	Pandas	NumPy	Matplotlib	None of the Above	C	CO2	L3,L4	
A	obj	1	Which function/method isused to create series?	Series()	series()	CreateSeries()	None of the Above	A	CO2	L3,L4	
A	obj	1	Which of the following statements is false?	ataframe is size mutable	Dataframe is value mutable	ataframe is immutabl	capable of holding multiple	C	CO2	L3,L4	
A	obj	1	Suppose that you are given two lists: a = [1,2,3] b = [4,5,6] Your task is to create a list which contains all the elements of a and b in a single dimension. Output: a = [1,2,3,4,5,6] Which of the following functions will you use? a.append(b)		a.extend(b)	any one of the above	none of the above	B	CO2	L3,L4	
A	obj	1	What will be output for the following code? import pandas as pd import numpy as np s = pd.Series(np.random.randn(4)) print s.ndim	0	1	2	3	B	CO2	L3,L4	
A	obj	1	What will be output for the following code? import pandas as pd s = pd.Series([1,2,3,4,5],index = ['a','b','c','d','e']) print s['a']	1	2	3	4	A	CO2	L3,L4	

Part	sub/obj	Marks	Question	Answer Option 1	Answer Option 2	Answer Option 3	Answer Option 4	ct Answer(A/B	CO	n's Taxonomy Level	
A	obj	1	Series in Pandas is	1 dimensional array	2 dimensional array	3 dimensional array	NOne	A	CO2	L3,L4	
A	obj	1	Identify the correct statement:	rker for missing data in P	ct in a way similar to that of a	Both A & B	NOne	C	CO2	L3,L4	
A	obj	1	names.append("Mary")	e "Mary" from the list ca	dd "names" to the list called	Mary" to the list called	d "Mary" to the list called "	C	CO2	L3,L4	
A	obj	1	To declare an array, you must use	brackets[ ]	parenthesis()	curly braces{ }	pipes			A	CO1	L3,L4	
A	obj	1	names=[Fred,John,Sue] print names[2] would return	Fred	Sue	John	none	B	CO1	L3,L4	
A	obj	1	The location of an item in an array is called	Index	Value	position	none	A	CO1	L3,L4	
A	obj	1	Who developed Python Programming Language?	Wick van Rossum	Rasmus Lerdorf	Guido van Rossum	none	C	CO1	L3,L4	