

S.No	Blooms Level	Question	A	B	C	D	E	Ans
1	Analyzing	Given the following function fun1() Please select the correct function calls def fun1(name, age): print(name, age)	fun1(name='Emma', age=23)	fun1(name='Emma', 23)	fun1('Emma', 23)	both (a) & (c)		D
2	Analyzing	What will be the output of the following Python code? x=50 def func(x): print('x is',x) x=2 print('Changed local x to',x) func(x) print('x is now',x)	x is 50 Changed local x to 2 x is now 50	x is 50 Changed local x to 2 x is now 2	x is 50 Changed local x to 2 x is now 100	none of above		A
3	Analyzing	What is the output of the add() function call def add(a, b): return a+5, b+5 result=add(3,2) print(result)	16	8	(8,7)	Syntax Error		C
4	Analyzing	Select which is true for Python function	A Python function can return only a single value	A function can take an unlimited number of arguments.	A Python function can return multiple values	Both b & c		D
5	Analyzing	Choose the correct function declaration of fun1() so that we can execute the following function call successfully, fun1(25, 75, 55) and fun1(10, 20)	def fun1(**kwargs)	No, it is not possible in Python	def fun1(args*)	def fun1(*data)		D
6	Analyzing	What is the output of the code shown below? l=[-2, 4]; m=map(lambda x:x*2, l);	[-4, 16]	Address of map object m	Error	-4 16		B

		print(m);						
7	Analyzing	What is the output? l = range(0,10); new_l=list(filter(lambda x:(x%2==0),l)); print(new_l)	[0, 2, 4, 6, 8, 10]	[0, 1, 2, ,3, 4, 5, 6, 7, 8, 9]	[0, 2, 4, 6, 8]	none		C
8	Analyzing	Variables that are defined inside a function body have a _____ scope	Local	Global	None	Both a & b		A
9	Analyzing	Which keyword is used for function?	Fun	define	def	function		C
10	Analyzing	What will be the output of the following Python code? def sayHello(): print('Hello World!') sayHello() sayHello()	Hello World! Hello World!	'Hello World!' 'Hello World!'	Hello Hello	None of the mentioned		A
11	Analyzing	What will be the output of the following Python code? def printMax(a, b): if a > b: print(a, 'is maximum') elif a == b: print(a, 'is equal to', b) else: print(b, 'is maximum') printMax(3, 4)	3	4	4 is maximum	None of the mentioned		C
12	Analyzing	Which of the following items are present in the function header?	function name	parameter list	return value	Both A and B		D
13	Analyzing	If return statement is not used inside the function, the function will return:	None	0	Null	Arbitrary value		A
14	Analyzing	Which of the following is the use of id() function in python?	Id() returns the size of object.	Id() returns the identity of the object.	Above both	None of above		B
15	Analyzing	How is a function declared in Python?	def function function_name():	declare function function_name():	def function_name():	Declare		C

						function_name():		
16	Analyzing	Which one of the following is the correct way of calling a function?	function_name()	call function_name()	ret function_name()	function function_name()		A
17	Analyzing	Why are local variable names beginning with an underscore discouraged?	they are used to indicate a private variable of a class	they confuse the interpreter	they are used to indicate global variables	they slow down execution		A
18	Analyzing	Which of the following is not a keyword?	eval	assert	nonlocal	pass		A
19	Analyzing	What will be the output of the following Python code? from math import factorial print(math.factorial(5))	120	nothing is printed	Error, method factorial doesn't exist in math module	Error, the statement should be: print(factorial(5))		D
20	Analyzing	A Python module is a file with the _____ file extension that contains valid Python code.	.module	.pym	.py	.pymodule		C
21	Analyzing	Which of the following commands correctly installs the requests package with pip?	\$ pip3 install requests	\$ pip3 download requests	\$ pip3 please install requests	\$ pip3 --install requests		A
22	Analyzing	Which of these definitions correctly describes a module?	Denoted by triple quotes for providing the specification of certain program elements	Design and implementation of specific functionality to be incorporated into a program	Defines the specification of how it is to be used	Any program that reuses code		B
23	Analyzing	What is meant by fruitful function in Python?	A function that yields a None	A function that yields a return value instead of None	There is no such function in Python	It is the other name to recursive function		B
24	Analyzing	What is the output of the following code snippet? def myfunc(text, num): while num > 0: print(text) num = num - 1	HelloHelloHelloHello Hello	HelloHelloHelloHello	infinite loop	invalid call		C

		myfunc('Hello', 4)						
25	Analyzing	What is the output of the following code snippet? num = 1 def func(): num = 3 print(num) func() print(num)	1 3	3 1	1 1	3 3		B
26	Analyzing	What is the output of the following code snippet? def test(x = 1, y = 2): x = x + y y += 1 print(x, y) test(2, 1)	1 3	2 3	3 2	Error		C
27	Analyzing	What is the output of the following code snippet? exp = lambda x: x ** 3 print(exp(2))	6	222	8	None of above		C
28	Analyzing	What is the output of the following? x = [12, 34] print(len(''.join(list(map(str, x)))))	4	5	6	error		A
29	Analyzing	What are the advantages of functions?	Functions provide modularization and enable us to reuse code	Work can be divided among project member	Easy to locate and isolate a faulty function	All of above		D
30	Analyzing	What is the output of the following piece of code? def find(a, **b): print (type(b)) find('letters', A='1', B='2')	String	Tuple	Dictionary	An exception is thrown		C