UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, 2020

Course: Python Scripting
Semester: IV
Program: BCA   **Time: 03 hrs.**
Course Code: CSBC 3001   **Max. Marks: 100**

S.No	Questions	Option (a)	Option (b)	Option (c)	Option (d)
1	Python is …........................... Language.	High-level scripting language	Uses English keywords frequently	Interpreted	All of the above
2	How are strings stored internally in Python 3?	Unicode	Latin	UTF-16	ASCII
3	Which of the following is valid about Python?	Supports automatic garbage collection	Easily integrated with C, C++	Only a & b	Does not support dynamic check
4	When reading data across the network (i.e. from a URL) in Python 3, what method must be used to convert it to the internal format used by strings?	encode()	convert()	decode()	msub()
5	Which of the following data types is not supported in python?	Numbers	List	String	Slice
6	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?	PYTHONPATH	PYTHONCASEOK	PYTHONSTART UP	PYTHONH OME
7	What is its output? print "Hello World"[::-1]	Hello Worl	dlroW olleH	d	Error
8	What would the following Python code sequence print out? zap = "hello there bob" print(zap[4])	e	o	zap	l
9	What is the output of the expression : 3*1**3	27	9	0	3
10	What will be the output of the following code : print type(type(int))	type 'type'	type 'int'	0	Error
11	Which of the following is incorrect variable name in Python?	variable_1	variable1	1variable	_variable
12	Where in the computer is a variable such as "X" stored?	Secondary Memory	Main Memory	Register	Buffer
13	What is the output of the following? print('The sum of {0} and {1} is {2}'.format(2, 10, 12))	The sum of 0 and 1 is 2	The sum of 2 and 10 is 12	Error	None

14	What is the output of the following code : print 5//2	2	2.5	2.3	Error
15	What is the primary use of the Python dictionary?	To look up all of the methods which are available on a Python object	To make sure that the definitions of the Python reserved words are available in different languages (French, Spanish, etc)	To store key / value pairs	To insure that all Python reserved words are properly spelled
16	What is the output of print list[0] if list = ['abcd', 786 , 2.23, 'john', 70.2]?	['abcd', 786 , 2.23, 'john', 70.2]	abcd	Error	None of the above.
17	What does the following Python code print out? stuff = ['joseph', 'sally', 'walter', 'tim'] print(stuff[2])	Walter	Sally	tim	joseph
18	What does the break statement do?	Ends the program	Exits the currently executing loop	Stops execution of application	None of the above
19	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)	abcd	(786, 2.23)	None of the above.
20	What is the difference between a Python tuple and Python list?	lists are mutable, tuples are immutable	lists are immutable, tuples are mutable	they both are same	None of the above.
21	What is the output of print(math.trunc('3.1'))?	3	0.3	error	None of the above
22	If the variable data is a Python list, how do we sort it in reverse order?	data.sort(reverse)	data.sort(reverse=True)	data.reverse()	None of the above.
23	What is stored in a "file handle" that is returned from a successful open() call?	It handels the modes of file	It just handels files of directory	The handle is a connection to the file's data	All of the above
24	What is the purpose of the newline character in text files?	It indicates the end of one line of text and the beginning of another line of text	It indicates the null values in a file	It is not used in files	None of the above.
25	Which of the following function convert a string to an int in python?	int(x [,base])	long(x [,base])	float(x)	str(x)
26	Which of the following string methods removes whitespace from both the beginning and end of a string?	trimmer()	remove()	strip()	None
27	What will be the value of x after the following statement executes: x = 1 + 2 * 3 - 8 / 4	5	0	3	Its wrong expression
28	Which of the following function convert an object to a regular expression in python?	repr(x)	eval(str)	tuple(s)	list(s)
29	What does the function math.frexp(x) return?	a tuple containing the mantissa and the exponent of x	a list containing the mantissa and the exponent of x	a tuple containing the mantissa of x	a list containing the exponent of x
30	Which one of the following is a valid Python if statement :	if a>=2 :	if (a >= 2)	if (a => 22)	if a >= 22

31	What will be the output of the following Python code? >>> - float('inf') + float('inf')	inf	nan	0	Error
32	What type of data is produced when you call the range() function? x = range(5)	a list of numbers	list of integers	0	Error
33	Which of the following slicing operations will produce the list [12, 3]? t = [9, 41, 12, 3, 74, 15]	t[2:4]	t[0:4]	t[2:2]	Error
34	Which of the following function convert a String to a set in python?	repr(x)	eval(str)	tuple(s)	list(s)
35	Which reserved word indicates the start of an "indefinite" loop in Python?	for	while	continue	None
36	The sleep function (under the time module) is used to _____	Return the specified number of seconds, in terms of milliseconds	Stop the execution of the code	Return the output of the code had it been executed earlier by the specified number of seconds	Pause the code for the specified number of seconds
37	Which of the following is not a good synonym for "class" in Python?	pattern	direction	blueprint	template
38	What will be the output of following? print('{0:.2}'.format(1/3))	0.333333:.2	0.333333	0.33	Error
39	Which of the following functions does not throw an error?	ord( )	ord(' ')	ord("")	ord(")
40	Which of the following is not a standard exception in Python?	NameError	ValueError	AssignmentError	IOError
41	Which of the following functions does not accept any argument?	re.purge	re.match	re.compile	re.findall
42	What will be the output of the following Python code? re.split(r'(a)(t)', 'Maths is a difficult subject')	'Maths is a difficult subject'	['M', 'a', 't', 'hs is a difficult subject']	['Maths', 'is', 'a', 'difficult', 'subject']	['M a t h s i s a d i f f i c u l t s u b j e c t']
43	The value returned when we use the function isoweekday() is _____ and that for the function weekday() is _____ if the system date is 19th June, 2017 (Monday).	0,0	0,1	1,0	1,1
44	What does built-in function help do in context of classes?	Determines class description of any built-in type	Determines class description of any user-defined built-in type	Determines the class identifiers of any value	Determines the object name of any value
45	What is the output of print list if list = ['abcd', 786 , 2.23, 'john', 70.2]?	['abcd', 786 , 2.23, 'john', 70.2]	list	Error	None of the above.
46	Which of the following statements isn't true?	A non-private method in a superclass can be overridden	The value of a private variable in the superclass can be changed in the subclass	When invoking the constructor from a subclass, the constructor of superclass is	A derived class is a subset of superclass

				automatically invoked	
47	Which operator is overloaded by __invert__()?	^	~	&	*
48	What happens if no arguments are passed to the seek function?	file position is set to the start of file	file position is set to the end of file	file position remains unchanged	Error
49	Which of the following is not a valid mode to open a file?	rw	w+	r	w
50	Which of the following are the modes of both writing and reading in binary format in file?	w+	wb++	wb	wb+
51	Which function is used to read all the characters?	Readchar()	Readcharacters()	Readall()	Read()
52	Which among the following are mutable objects in Python?	List	Integer	String	Tuple
53	Method issubclass() checks if a class is a subclass of another class.	TRUE	FALSE	This method doesn't exists	Invalid question
54	What will be the output of the following Python code? t[5]	IndexError	NameError	TypeError	ValeError
55	Which of the following statements is true?	The standard exceptions are automatically imported into Python programs	When there is a deviation from the rules of a programming language, a semantic error is thrown	If any exception is thrown in try block, else block is executed	All raised standard exceptions must be handled in Python
56	In python, inheritance syntax is…................	A(B):	A,B():	A extends B:	A inherits B:
57	What will be the output of the following Python code? re.split(r'(n\d)=', 'n1=3.1, n2=5, n3=4.565')	['n1', '3.1, ', 'n2', '5, ', 'n3', '4.565']	['3.1, ', '5, ', '4.565']	[', 'n1', '3.1, ', 'n2', '5, ', 'n3', '4.565']	Error
58	What is PEP 8?	keyword	PEP 8 is a coding convention, a set of recommendations, about how to write your Python code more readable	Datatype	None of the following
59	__init__ in Python is ------------------	Reseved method in python classes	Functions	Variable	None of the following
60	What is "self" typically used in a Python method within a class?	To refer to the instance in which the method is being called	The number of parameters to the method	To set the residual value in an expression where the method is used	To terminate a loop