

Medicaps University
Oral Examination December - 2021

Paper Code OE00018

Paper Name Python Essentials

From Each Unit: Minimum 120 questions and as many as possible, if it is 240 questions and more it will be well

Sl No	Unit	Question No	Question
1	I	1	Is Python case sensitive when dealing with identifiers?
2	I	2	What is the maximum possible length of an identifier?
3	I	3	Why are local variable names beginning with an underscore discouraged?
4	I	4	Eval' of the following is not a keyword?
5	I	5	pass' of the following is not a keyword?
6	I	6	All keywords in Python are in _____
7	I	7	Limited length for variable names in Python?
8	I	8	All private members must have leading and trailing underscores
9	I	9	Underscore and ampersand are the only two special characters allowed
10	I	10	[1,2,3] is an example of tuple
11	I	11	(3,4,5) is an example List
12	I	12	(2,'a',4) is an example of tuple
13	I	13	['a',1,3] is an example
14	I	14	What is difference Python 2 and Python 3
15	I	15	Maximum possible length of an identifier is 30?
16	I	16	My_name is an invalid variable?
17	I	17	Nonlocal is not a keyword?
18	I	18	All keywords in Python are in capital letter
19	I	19	a b c=3 4 5 is an invalid statement?
20	I	20	Which is the correct operator for power (X^Y)?
21	I	21	// is floor division operator?
22	I	22	What is the answer to this expression, 22 % 3 is?
23	I	23	Mathematical operations can be performed on a string.
24	I	24	Operators with the same precedence are evaluated in which manner?
25	I	25	What is the output of this expression, 4*1**4?
26	I	26	Addition and subtraction has the same precedence level?
27	I	27	Exponential is the highest precedence in the expression?
28	I	28	What is the result of round(0.5) – round(-0.5)?
29	I	29	What does 3 ^ 4 evaluate to?
30	I	30	What is output 4+3%5
31	I	31	Which of the following operators has its associativity from right to left?
32	I	32	What are the values of the following Python expressions? 2**3**2
33	I	33	What will be the value of the following Python expression? float(4+int(2.39)%2)
34	I	34	What will be the output of the following Python expression if x=15 and y=12? x & y
35	I	35	D = {"john":40, "peter":45} is a dictionary
36	I	36	What is the data type of (1)?
37	I	37	What type of data is: a=[(1,1),(2,4),(3,9)]?
38	I	38	What are the different types of operator
39	I	39	operator ++ used in python or not
40	I	40	operator -= used in python or not
41	I	41	What is full form of IDLE

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42	I	42	char is datatype used in python
43	I	43	string and char both are same thing in python
44	I	44	Integer is not datatype used in python
45	I	45	float and double is same in python
46	I	46	{ } used for block indentation
47	I	47	Indentation used in python
48	I	48	Indentation is not required in python
49	I	49	AI used python
50	I	50	Natural Language Processing used python for implementation
51	I	51	Python is Programming language
52	I	52	Python used For execution
53	I	53	What is difference between Interpreter and compiler
54	I	54	Python and R is same language
55	I	55	Python used object oriented programming language
56	I	56	In python multiple assignment allowed
57	I	57	What is object
58	I	58	What is in-build object
59	I	59	int i=10 allowed in python
60	I	60	i=10,20 allowed in python
61	I	61	Who developed Python Programming Language?
62	I	62	Python developed by google developer
63	I	63	Functional type of Programming does not Python support?
64	I	64	The correct extension of the Python file?
65	I	65	To execute python program many online editor available
66	I	66	Python programs can be written in any text editor.
67	I	67	To save python programs we need to save in files with file extension '.py'.
68	I	68	What is output 2 % 10
69	I	69	What is output 10 % 2
70	I	70	2**3 is equal to 3**2
71	I	71	What is output of print(math.pow(3, 2))?
72	I	72	math.pow() returns a
73	I	73	The correct order of operation is
74	I	74	What is output 2**(2**2)
75	I	75	What is output (2**3)**2
76	I	76	What is output 2**3**2
77	I	77	associativity of ** operator is from
78	I	78	// is the operator for truncation division.
79	I	79returns only the integer part of the quotient, truncating the decimal part.
80	I	80	What is output is 20//3
81	I	81	The function seed is a function which is present in the random module.
82	I	82	The functions sqrt and factorial are a part of the math module.

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83	I	83	The print function is a built-in function which prints a value directly to the system output.
84	I	84	Each object in Python has a unique id. .
85	I	85	The id() function returns the object's id
86	I	86	What is output min(max(False,-3,-4), 2,7)
87	I	87	The function max() is being used to find the
88	I	88	Class is a user-defined data type.
89	I	89	Tuples is a core data types
90	I	90	Lists is not core data types
91	I	91	Dictionary is user defined data types
92	I	92	Set and Dictionary is same data types
93	I	93	What is output of len(["hello",2, 4, 6])
94	I	94	len() returns the length of the number of elements in the iterable.
95	I	95	Python first searches for the local
96	I	96	Python first searches for the local, then the global and finally the built-in namespace.
97	I	97	What is output is "a"+"bc"
98	I	98	operator + is
99	I	99	What is output 5+"a"
100	I	100	eval can be used as a variable.
101	I	101	* is used to multiply strings also
102	I	102	What is output is print('*', "abcde".center(6), '*', sep="")
103	I	103 Is block of statements
104	I	104	Identifiers can be of any length.
105	I	105	// is integer operation in python 3.0 .
106	I	106	int(..) is a type cast operator
107	I	107	What error occurs when you execute the following Python code snippet? Ram=sita
108	I	108	In python codes indented is not required.
109	I	109	“Once upon a time...”, she said.’ is allowed in python
110	I	110	“He said, ‘Yes!’” is allowed in python
111	I	111	‘3\’ is allowed in python
112	I	112	””That’s okay”” is allowed in python
113	I	113	Theadds a new line.
114	I	114	What is the return value of trunc()?
115	I	115	What is the output of print 0.1 + 0.2 == 0.3?
116	I	116	Infinity is a special case of floating point numbers. It can be obtained by float(‘inf’).
117	I	117	What does ~4 evaluate to?
118	I	118	~x is equivalent to
119	I	119	What is output is int(1011)?
120	I	120	& represents the bitwise XOR operator?
121	II	1	What will be the answer of this expression, 22 % 3 is?
122	II	2	Function uses which keyword for definition?
123	II	3	Write syntax for function declaration in python?

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124	II	4	We use curly braces or parenthesis define a block of code in Python?
125	II	5	What will be the output of the following code : <code>print 5//2</code>
126	II	6	Write syntax for if else?
127	II	7	In python how to get last element of list? Here we have list with name arr, which contains 5 elements.
128	II	8	What type of data is: <code>arr = [(1,1),(2,2),(3,3)]</code> ?
129	II	9	Give examples of some valid and invalid variable names.
130	II	10	What are arguments?
131	II	11	What are formal and actual parameters?
132	II	12	Which statement should be written to check if a is equal to b?
133	II	13	Which items are included in function header?
134	II	14	Write syntax of "for" loop.
135	II	15	What will be the output of following code? <code>list1=["Data Science","Python",45,"Indore"]</code> <code>print("list1[-2]:",list1[1:])</code>
136	II	16	To add an element at the end of a list which command is used?
137	II	17	<code>list1=[5, 4, 8, 20, 8]</code> , what is <code>list1.index(8)</code> ?
138	II	18	<code>list2 =[3, 6, 5, 20, 5, 25, 1, 3]</code> , what is <code>list2.pop(1)</code> ?
139	II	19	If <code>k=(1,2,4,3)</code> then <code>k[1:-1]</code> ?
140	II	20	Can we use <code>tuple()</code> constructor to create a tuple?
141	II	21	Mention any 5 list methods?
142	II	22	Will a function result in an error when no arguments are passed to it?
143	II	23	Mention and explain any 3 built-in functions in python.
144	II	24	What will be the output of the following Python function? <code>min(max(False,-3,-4), 2,7)</code>
145	II	25	What is the output of the following program : <code>y = 8</code> <code>z = lambda x : x * y</code> <code>print z(6)</code>
146	II	26	If you do not know how many arguments that will be passed into your function, add a _____ before the parameter name in the function definition.
147	II	27	Python also accepts function recursion. True or False.
148	II	28	Write the output for following line of code. <code>range(0, 10, 3)</code>
149	II	29	The _____ function returns a readable version of any object (Strings, Tuples, Lists, etc).
150	II	30	The _____ function accepts large blocks of code, unlike the _____ function which only accepts a single expression
151	II	31	Define sum function to add two integer numbers and display result.
152	II	32	Function can be declared in Python by:
153	II	33	How to define a block of code in Python?
154	II	34	Which statement is correct to check if a is equal to b?
155	II	35	To add an element at the end of a list which command is used?
156	II	36	<code>list1=[5, 4, 8, 20, 8]</code> , what is <code>list1.index(8)</code> ?

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157	II	37	list2 =[3, 6, 5, 20, 5, 25, 1, 3], what is list2 after list2.pop(1)?
158	II	38	Which of the following is not valid for m=(1,2,3,4)
159	II	39	If k=(1,2,4,3) then k[1:-1]?
160	II	40	The data type of (1) is:
161	II	41	What are default parameters?
162	II	42	What are various rules associated with parameters?
163	II	43	What are variable length arguments?
164	II	44	What is kwargs?
165	II	45	Write syntax of "for each" loop?
166	II	46	What is lambda function?
167	II	47	What do you mean by scope?
168	II	48	Different scopes in python?
169	II	49	Where can we use recursion?
170	II	50	What is recursion?
171	II	51	Advantages of using recursion?
172	II	52	Disadvantages of using recursion?
173	II	53	What is nested list?
174	II	54	Mention any 3 list methods?
175	II	55	What is slicing and indexing?
176	II	56	Write a program for fibonacci series.
177	II	57	Write a program for prime number.
178	II	58	Write a program to print reverse of a string.
179	II	59	Write a program to print reverse of a number.
180	II	60	Write a program for factorial.
181	II	61	Check if a number is present in list or not.
182	II	62	Explain range() function.
183	II	63	What is the difference between slicing and aliasing.
184	II	64	Mention any 5 built-in functions.
185	II	65	Explain use of any two built-in functions.
186	II	66	Explain str() function.
187	II	67	Explain globals() function.
188	II	68	Explain locals() function.
189	II	69	Explain vars() function.
190	II	70	Explain eval() function.
191	II	71	Explain exec() function.
192	II	72	Explain execfile() function.
193	II	73	Explain repr() function.
194	II	74	Explain ascii() function.
195	II	75	Mention any 3 string methods.
196	II	76	Write syntax for break statement.
197	II	77	Write syntax for continue statement.
198	II	78	Explain for else.

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199	II	79	Print even numbers between 1 to 20.
200	II	80	Why pass statement is used?
201	II	81	What are append() and extend() list methods.
202	II	82	Explain index() list method with example.
203	II	83	Explain count() list method with example.
204	II	84	Explain insert() list method with example.
205	II	85	Explain reverse() list method with example.
206	II	86	Explain pop() list method with example.
207	II	87	Explain clear() list method with example.
208	II	88	Explain remove() list method with example.
209	II	89	Iterate over a list using for loop.
210	II	90	Iterate over a list using for loop and range().
211	II	91	Iterate over a list using while loop.
212	II	92	Iterate over a list using list comprehension.
213	II	93	Iterate over a list using enumerate().
214	II	94	What are tuples?
215	II	95	Explain any 3 methods of tuple.
216	II	96	Convert list to a tuple.
217	II	97	What is default step size?
218	II	98	Explain count() tuple method with example.
219	II	99	Explain index() tuple method with example.
220	II	100	Explain reverse() tuple method with example.
221	II	101	How to insert an element in a tuple?
222	II	102	How to modify an element in a tuple?
223	II	103	How to delete an element from a tuple?
224	II	104	How string formatting is done?
225	II	105	Explain any 3 string methods.
226	II	106	Explain any 2 string methods.
227	II	107	Explain any 2 string methods with example.
228	II	108	Explain any 3 string methods with example.
229	II	109	Why we use lambda function?
230	II	110	Explain all() with an example.
231	II	111	Explain any() with an example.
232	II	112	Explain aliasing with example.
233	II	113	Explain cloning with example.
234	II	114	Print a tuple in reverse.
235	II	115	Write a code to show that tuples are immutable.
236	II	116	Concatenate two tuples.
237	II	117	Show tuple nesting with example.
238	II	118	What is nesting of tuples?
239	II	119	Write any 3 string methods.
240	II	120	Mention any 5 string methods.

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241	III	1	Both str(f) and format(f) call f.__str__(). Is same
242	III	2	getopt parses options received from the command line.
243	III	3	What is output is print("abc. DEF".capitalize())
244	III	4is done towards the right-hand-side first when the final string is of even length.
245	III	5	Lists should be copied by executing [:] operation
246	III	6	The arguments are accessed by their
247	III	7	Space is not a letter treated in python
248	III	8	What is config files
249	III	9	What is log files
250	III	10	What is use of log files
251	III	11	read () is input function
252	III	12	What is the purpose of read() function
253	III	13	What is difference between readline() and readlines()
254	III	14	What is seek pointer used python
255	III	15	Write () and writelines() both are same thing
256	III	16	What is the purpose of writelines() function
257	III	17	What are the different types of files handling in python
258	III	18	How to store online details in a particular file
259	III	19	Files and dataset is same or different
260	III	20	How to manipulate file pointer in python
261	III	21	Which of the following command is used to open a file "c:\temp.txt" in read-mode only?
262	III	22	Which of the following commands can be used to read the entire contents of a file as a string using the file object <tmpfile>?
263	III	23	Which of the following commands can be used to read "n" number of characters from a file using the file object <file>?
264	III	24	Which one of the following is not attributes of file?
265	III	25	What is the use of tell() method in python?
266	III	26	What is the use of seek() method in files?
267	III	27	What will be the output of the following code- f = None for i in range (5): with open("myfile.txt", "w") as f: if i > 2: break print (f.closed)
268	III	28	Which of the following commands can be used to read "n" number of characters from a file using the file object "file"?
269	III	29	Which of the following statements correctly explain the function of seek() method?
270	III	30	Which function is used to read all the characters?

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271	III	31	Which are mode Of a file?
272	III	32	Which of the following is not a valid attribute of a file object (fp)?
273	III	33	How do you get the current position within the file?
274	III	34	How do you rename a file?
275	III	35	What happens if no arguments are passed to the seek function?
276	III	36	Which method is used to to retrieve the value for option in the config section?
277	III	37	We can also modify the configuration and write it back to a file.
278	III	38	Configutation files in python usually have ____ extension.
279	III	39	how we can read a file
280	III	40	These are used an indication that something unexpected happened, or indicative of some problem in the near future
281	III	41	What will Logger.log(lvl,msg) do?
282	III	42	Which of the following statements is false regarding the opening modes of a file?
283	III	43	The readlines() method returns _____
284	III	44	What type of argument writeline method accepts.
285	III	45	Which of the following is not a python file method?
286	III	46	Correct syntax of file.writelines() is?
287	III	47	To read the entire remaining contents of the file as a string from a file object infile, we use _____
288	III	48	The readlines() method returns _____
289	III	49	_____ is the current syntax of remove() a file?
290	III	50	What are config files?
291	III	51	What are log files?
292	III	52	What type of argument writeline method accepts.
293	III	53	Which of the following is not a python file method?
294	III	54	Correct syntax of file.writelines() is?
295	III	55	To read the entire remaining contents of the file as a string from a file object infile, we use _____
296	III	56	The readlines() method returns _____
297	III	57	_____ is the current syntax of remove() a file?
298	III	58	_____ is the use of truncate() method in file?
299	III	59	These log messages are used an indication that something unexpected happened, or indicative of some problem in the near future
300	III	60	If required, developers have the option to create more levels of log messages
301	III	61	This checks if the logger has any handler configured or not.
302	III	62	This will Logs a message with integer level lvl on this logger.
303	III	63	This will log a message with level ERROR on this logger.
304	III	64	Both str(f) and format(f) call f.__str__(). Is same
305	III	65	getopt parses options received from the command line.
306	III	66	What is output is print("abc. DEF".capitalize())

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319	III	79	What is the purpose of writelines() function
320	III	80	What are the different types of files handling in python
321	III	81	How to store online details in a particular file
322	III	82	Files and dataset is same or different
323	III	83	How to manipulate file pointer in python
324	III	84	How do you convert a text file to an array in Python?
325	III	85	What are the types of files in Python?
326	III	86	What is Python binary file?
327	III	87	How do you access a file in Python?
328	III	88	How do you save a file in Python?
329	III	89	How do you write a list to a file in python?
330	III	90	How do you write to a file line in Python?
331	III	91	What is a binary file example?
332	III	92	What is text file and binary file in python?
333	III	93	What is file IO python?
334	III	94	What is file path in Python?
335	III	95	Where are Python files stored?
336	III	96	How do I read a binary file in Python?
337	III	97	How do I add data to a binary file in Python?
338	III	98	Is CSV a binary file?
339	III	99	Is .PY a binary file?
340	III	100	What are the file object attributes in Python?
341	III	101	How do you access a file in Python?
342	III	102	How do I list files in Python?
343	III	103	Why does python Say No such file or directory?
344	III	104	Does Python open Create file?
345	III	105	What are the file handling functions in Python?
346	III	106	How do you get the current position within the file?

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347	III	107	What will <code>Logger.log(lvl,msg)</code> do?
348	III	108	The <code>readlines()</code> method returns _____
349	III	109	What is the purpose of file in Python?
350	III	110	How do I put words into a list in Python?
351	III	111	How do you search for text in Python?
352	III	112	How do you separate words from a text file in Python?
353	III	113	What does <code>Strip ()</code> do in Python?
354	III	114	Explain <code>readlines()</code>
355	III	115	Explain <code>seek()</code>
356	III	116	Mention 5 file commands.
357	III	117	What are different modes in file.
358	III	118	Explain <code>rw+</code> .
359	III	119	Why should we close a file?
360	III	120	What happens when you close a file?
361	IV	1	What will be the output of the following Python code? Class test: <pre>def __init__(Self,a="Hello World"): self.a=a def display(self): print(self.a)</pre> <pre>obj=test() obj.display()</pre>
362	IV	2	Polymorphism is when a subclass can modify the behavior of its superclass. True?
363	IV	3	_____ represents an entity in the real world with its identity and behaviour.
364	IV	4	Is there any error in below Python code? class Student: <pre>def __init__(self,id,age): self.id=id self.age=age std=Student(1,20)</pre>
365	IV	5	What is Instantiation in terms of OOP terminology?
366	IV	6	What is a class method?
367	IV	7	What are fundamental features of OOP?
368	IV	8	Define encapsulation?
369	IV	9	Methods of a class that provide access to private members of the class are called as _____ and _____
370	IV	10	What are protected class members?
371	IV	11	Suppose B is a subclass of A, to invoke the <code>__init__</code> method in A from B, what is the line of code you should write?
372	IV	12	If class C inherits class B. And B has inherited class A. Then while creating the object of class C, what will be the sequence of constructors getting called?

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373	IV	13	What is inheritance?
374	IV	14	Which function overloads the + operator
375	IV	15	Which operator is overloaded by __invert__()?
376	IV	16	Which function overloads the == operator?
377	IV	17	Which of the following statements is most accurate for the declaration x = Circle()
378	IV	18	How do you overload left shift operator?
379	IV	19	How can you check, whether an object “obj” is an instance of class A or not?
380	IV	20	We can't change private attributes outside the class. True?
381	IV	21	If class C inherits class B. And B has inherited class A. Then while creating the object of class C, what will be the sequence of constructors getting called?
382	IV	22	What type of inheritance is illustrated in the following Python code? class A(): pass class B(A): pass class C(B): pass
383	IV	23	Which function overloads the // operator?
384	IV	24	What are necessary conditions for constructors?
385	IV	25	What is the output of the following program: class test: def __init__(self): print ("Hello World") def __init__(self): print ("Bye World")
386	IV	26	Explain polymorphism ?
387	IV	27	Which of the following is correct with respect to OOP concept in Python?
388	IV	28	In python, what is method inside class?
389	IV	29	To create a class, use the keyword?
390	IV	30	All classes have a function called?
391	IV	31	You can delete properties on objects by using the _____ keyword.
392	IV	32	A variable that is defined inside a method and belongs only to the current instance of a class is known as?
393	IV	33	A class variable or instance variable that holds data associated with a class and its object is known as?
394	IV	34	_____ represents an entity in the real world with its identity and behaviour.
395	IV	35	What is true about Inheritance in Python?
396	IV	36	When a child class inherits from only one parent class in python, it is called?
397	IV	37	Suppose B is a subclass of A, to invoke the __init__ method in A from B, what is the line of code you should write?
398	IV	38	What does built-in function type do in context of classes?
399	IV	39	What is constructor in python?

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Paper Name Python Essentials

From Each Unit: Minimum 120 questions and as many as possible, if it is 240 questions and more it will be well

Sl No	Unit	Question No	Question
400	IV	40	In Python, a class is _____ for a concrete object.
401	IV	41	Explain __init__ .
402	IV	42	Explain __del__.
403	IV	43	What is multiple inheritance?
404	IV	44	What are special methods?
405	IV	45	How do we overload operators?
406	IV	46	What are dunder methods?
407	IV	47	What are various built-in types?
408	IV	48	Define multiple inheritance?
409	IV	49	Define special methods?
410	IV	50	Explain function overriding?
411	IV	51	What is destructor in python?
412	IV	52	Define a class.
413	IV	53	Define a class with a class method.
414	IV	54	Define a class with a constructor.
415	IV	55	Define a class with a destructor.
416	IV	56	Overload any 1 unary operator.
417	IV	57	Overload any 1 binary operator.
418	IV	58	Overload any one unary operator.
419	IV	59	Overload any one binary operator.
420	IV	60	Mention any 5 special methods.
421	IV	61	Mention any 5 dunder methods.
422	IV	62	Write any 5 special methods.
423	IV	63	Write any 5 dunder methods.
424	IV	64	Mention types of inheritance.
425	IV	65	How to implement single inheritance?
426	IV	66	How to implement multi level inheritance?
427	IV	67	How to implement multiple inheritance?
428	IV	68	How to implement hybrid inheritance?
429	IV	69	Define add function.
430	IV	70	Define multiply function.
431	IV	71	Define factorial function.
432	IV	72	Define square function.
433	IV	73	Call super class's constructor.
434	IV	74	How to call super class's constructor.
435	IV	75	How to call super class's constructor in derived class?
436	IV	76	What are the 5 OOPs concepts?
437	IV	77	Why We Use OOPs in Python?
438	IV	78	Is Python 100% object oriented?
439	IV	79	What are the limitations of OOP in Python?
440	IV	80	What is encapsulation in Python?

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Sl No	Unit	Question No	Question
441	IV	81	What will be the output of the following Python code? Class test: def __init__(Self,a="Hello World"): self.a=a def display(self): print(self.a) obj=test() obj.display()
442	IV	82	Polymorphism is when a subclass can modify the behavior of its superclass.
443	IV	83	_____ represents an entity in the real world with its identity and behaviour.
444	IV	84	Which of the following is False with respect Python code? class Student: def __init__(self,id,age): self.id=id self.age=age std=Student(1,20)
445	IV	85	What is __init__ Python?
446	IV	86	What is difference between private and protected in Python?
447	IV	87	What is abstraction in Python?
448	IV	88	Which of the following is the most suitable definition for encapsulation?
449	IV	89	Methods of a class that provide access to private members of the class are called as _____ and _____
450	IV	90	What is super keyword in Python?
451	IV	91	Suppose B is a subclass of A, to invoke the __init__ method in A from B, what is the line of code you should write?
452	IV	92	If class C inherits class B. And B has inherited class A. Then while creating the object of class C, what will be the sequence of constructors getting called?
453	IV	93	Which of the following statements is wrong about inheritance?
454	IV	94	Which function overloads the + operator
455	IV	95	Which operator is overloaded by __invert__()?
456	IV	96	Which function overloads the == operator?
457	IV	97	Which of the following statements is most accurate for the declaration x = Circle()
458	IV	98	Which of the following statements is false?
459	IV	99	Which of the following statements can be used to check, whether an object “obj” is an instance of class A or not?
460	IV	100	We can't change private attributes outside the class.
461	IV	101	If class C inherits class B. And B has inherited class A. Then while creating the object of class C, what will be the sequence of constructors getting called?

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Sl No	Unit	Question No	Question
462	IV	102	What type of inheritance is illustrated in the following Python code? class A(): pass class B(A): pass class C(B): pass
463	IV	103	Which function overloads the // operator?
464	IV	104	Which among the following is not a necessary condition for constructors?
465	IV	105	What is the output of the following program: class test: def __init__(self): print ("Hello World") def __init__(self): print ("Bye World")
466	IV	106	Find odd one out ?
467	IV	107	Which of the following is correct with respect to OOP concept in Python?
468	IV	108	In python, what is method inside class?
469	IV	109	To create a class, use the keyword?
470	IV	110	All classes have a function called?
471	IV	111	You can delete properties on objects by using the _____ keyword.
472	IV	112	A variable that is defined inside a method and belongs only to the current instance of a class is known as?
473	IV	113	A class variable or instance variable that holds data associated with a class and its object is known as?
474	IV	114	_____ represents an entity in the real world with its identity and behaviour.
475	IV	115	What is true about Inheritance in Python?
476	IV	116	When a child class inherits from only one parent class in python, it is called?
477	IV	117	Suppose B is a subclass of A, to invoke the __init__ method in A from B, what is the line of code you should write?
478	IV	118	What does built-in function type do in context of classes?
479	IV	119	Which of the following statements is false in context from python language?
480	IV	120	In Python, a class is _____ for a concrete object.
481	V	1	What is the difference between a list and a dictionary in Python?
482	V	2	How do you create a dictionary in Python?
483	V	3	What are dictionaries in Python used for?
484	V	4	Why are dictionaries important in Python?
485	V	5	Which is faster list or dictionary python?
486	V	6	How do you print a dictionary in Python?
487	V	7	Can we convert dictionary to list in Python?
488	V	8	How do you create a dictionary in a list?
489	V	9	How do you check if a key is in a dictionary Python?
490	V	10	How do you create an empty dictionary in Python?

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Sl No	Unit	Question No	Question
491	V	11	How do you sort a dictionary in Python?
492	V	12	How does Python handle dictionary?
493	V	13	How do you add a dictionary to a list in Python?
494	V	14	How do you check if a dictionary is empty in Python?
495	V	15	How do you print the first 5 elements of a dictionary in Python?
496	V	16	How do you print a dictionary key?
497	V	17	How do you clear a dictionary in Python?
498	V	18	What is dictionary copy in Python?
499	V	19	What does KEYS () do in Python?
500	V	20	How do you initialize a dictionary in Python?
501	V	21	How do you access a dictionary object in Python?
502	V	22	Can I sort a dictionary by key in Python?
503	V	23	How do you find the value of the dictionary?
504	V	24	What is an ordered dictionary in Python?
505	V	25	How do you remove duplicates from a dictionary?
506	V	26	How do you find the sum of a dictionary?
507	V	27	How do you arrange a dictionary in ascending order in Python?
508	V	28	Can you index a dictionary in Python?
509	V	29	How do I add data to a dictionary in Python?
510	V	30	How do you print an empty dictionary in Python?
511	V	31	How do you iterate over a dictionary in Python?
512	V	32	How do I add two values from a dictionary in Python?
513	V	33	Can we slice dictionary in Python?
514	V	34	How do you find the first value of a dictionary?
515	V	35	How do you convert a DataFrame to a dictionary?
516	V	36	How do you find the last element of a dictionary?
517	V	37	What does .items do in Python?
518	V	38	What is dictionary in Python explain with an example?
519	V	39	Is dictionary ordered or unordered?
520	V	40	Why did Python make dictionaries ordered?
521	V	41	How do you pop a dictionary in Python?
522	V	42	Can dictionary keys be any type?
523	V	43	What does Clear () do in Python?
524	V	44	Can we copy dictionary in Python?
525	V	45	How do you print a dictionary value in Python?
526	V	46	How do you check if a key is in a dictionary Python?
527	V	47	Is indexing allowed in dictionary?
528	V	48	Can dictionary be indexed?

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Sl No	Unit	Question No	Question
529	V	49	Are Dictionaries mutable?
530	V	50	Can two dictionaries be added in Python?
531	V	51	How do you extend a dictionary in python?
532	V	52	How do you arrange a dictionary in ascending order in Python?
533	V	53	Can we have multiple values for a key in python dictionary?
534	V	54	How do you clear a dictionary in Python?
535	V	55	How do you print the first 5 elements of a dictionary in Python?
536	V	56	What is exception give an example in Python?
537	V	57	What is error and exception in Python?
538	V	58	How do you use exceptions in Python?
539	V	59	What is exception and its types?
540	V	60	What are the types of exceptions in Python?
541	V	61	What are the 3 programming errors?
542	V	62	Why exception handling is important in Python?
543	V	63	What is user defined exception in Python?
544	V	64	What is raise exception in Python?
545	V	65	What is try and except in Python?
546	V	66	Can I use try without Except?
547	V	67	What is an exception class?
548	V	68	What is catch statement?
549	V	69	What is exception and exception handling?
550	V	70	Which classes are exception classes in Python?
551	V	71	Which of the following is not an exception in Python?
552	V	72	What is indent error in Python?
553	V	73	What is assert in Python?
554	V	74	Is exception a run time error?
555	V	75	what is mean of the following Python code? d={"a":3,"b":7}
556	V	76	Is math a class in Python?
557	V	77	What will be the output of above Python code? d1={"abc":5,"def":6,"ghi":7} print(d1[0])
558	V	78	What will the above Python code do? dict={"Phy":94,"Che":70,"Bio":82,"Eng":95} dict.update({"Che":72,"Bio":80})

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Sl No	Unit	Question No	Question
559	V	79	What will be the result of above Python code? dict={"Joey":1,"Rachel":2} dict.update({"Phoebe":2}) print(dict)
560	V	80	Which of the following will give error? Suppose dict1={"a":1,"b":2,"c":3} how we print length
561	V	81	Which of the following statements create a dictionary?
562	V	82	Suppose d = {"john":40, "peter":45}, to delete the entry for "john" what command do we use?
563	V	83	Suppose d = {"john":40, "peter":45}. To obtain the number of entries in dictionary which command do we use?
564	V	84	What will be the output of the following Python code snippet? d = {"john":40, "peter":45} print(list(d.keys()))
565	V	85	Suppose d = {"john":40, "peter":45}, what happens when we try to retrieve a value using the expression d["susan"]?
566	V	86	What will be the output of the following Python code? >>> a={ } >>> a.fromkeys([1,2,3],"check")
567	V	87	If b is a dictionary, what does any(b) do?
568	V	88	An exception is thrown since the dictionary is empty
569	V	89	Which operator is used in Python to import modules from packages?
570	V	90	What is returned by math.ceil(3.4)?
571	V	91	What is the value returned by math.floor(3.4)?
572	V	92	To include the use of functions which are present in the random library, we must use the option:
573	V	93	Which of the following functions helps us to randomize the items of a list?
574	V	94	What is the interval of the value generated by the function random.random(), assuming that the random module has already been imported?
575	V	95	How many except statements can a try-except block have?
576	V	96	Can one block of except statements handle multiple exception?
577	V	97	When is the finally block executed?
578	V	98	The setdefault() method of dictionary generates error if the key already exist.
579	V	99	Which of these about a frozenset is not true?
580	V	100	Set method x.difference_update(y) is same as:
581	V	101	Which of these is not a valid method of sets?
582	V	102	In discard(el), an element el will be removed from the set, if it is contained in the set. If el is not a member of the set, a keyerror will be raised.
583	V	103	What will be the output of >>> a={1,2,3} >>> b=frozenset([3,4,5]) >>> a-b
584	V	104	Input order is preserved in sets.
585	V	105	Which of the following is not an advantage of using modules?

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Sl No	Unit	Question No	Question
586	V	106	Which of the following creates a dictionary?
587	V	107	If n = {"Abc":40, "Xyz":45}, then to delete the entry for "Abc" what command can be used?
588	V	108	
589	V	109	Suppose a={1:"A",2:"B",3:"C"} then what will be the output of these two statements a.clear() print(a)
590	V	110	Which of the options is not a valid dictionary method?fromkeys()
591	V	111	connect() function is used for
592	V	112	correct way to import sqlite3 in program is
593	V	113	Tuples can be made keys of a dictionary?
594	V	114	What is the random library in Python?
595	V	115	How does random work in Python?
596	V	116	What is random seed in Python?
597	V	117	How do you generate a random number in Python?
598	V	118	What is random number in Python?
599	V	119	What is math library in Python?
600	V	120	Where is the Python math library?