

HIGHER SECONDARY SECOND YEAR COMPUTER SCIENCE 1 MARK QUESTION & ANSWERS

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1. FUNCTION

Choo	se the best answer:	(1 Mark)		
1.	The small sections o	f code that are use	ed to perform a part	ticular task is called
	(A) Subroutines (B) Files	(C) Pseudo code	(D) Modules
2.	Which of the follow	ing is a unit of co	ode that is often def	fined within a greater code
	structure?			
		B) Function	(C) Files	(D) Modules
3.	Which of the follow	ing is a distinct sy	ntactic block?	
	(A) Subroutines (A)	,	(C) Definition	(D) Modules
4.	The variables in a fu	nction definition	are called as	
	(A) Subroutines (I	B) Function	(C) Definition	(D) Parameters
5.	The values which are	e passed to a func	tion definition are o	called
	(A) Arguments (I	,		(D) Definition
6.	Which of the follow	ing are mandator	y to write the type	annotations in the function
	definition?			
	(A) { }	(B) ()	(C) []	(D) <>
7.	Which of the follows		n object can do?	
	(A) Operating System	m (B) C	ompiler	
	(C) Interface	(D) In	terpreter	
8.	Which of the follow	ing carries out the	instructions define	d in the interface?
	(A) Operating System		ompiler	
	(C) Implementatio	<u>n</u> (D) I	nterpreter	
9.	The functions which	h will give exact	result when same	arguments are passed are
	called			
	(A) Impure function		artial Functions	
	(C) Dynamic Function		ure functions	
10	The functions which			bassed are called
	(A) Impure function		artial Functions	
	(C) Dynamic Function	ons (D) Pr	ure functions	



2. DATA ABSTRACTION

Choose the best answer: (1 Mark)

1.	. Which of the following functions that build the abstract data type?				
	(A) Constructors	(B) Destructors	(C) recursive	(D) Nested	
2.	Which of the follow	ring functions that	retrieve information	from the data type?	
	(A) Constructors	(B) Selectors	(C) recursive	(D) Nested	
3.	The data structure w	which is a mutable of	ordered sequence of	elements is called	
	(A) Built in	<u>(B) List</u>	(C) Tuple	(D) Derived data	
4.	A sequence of immu	utable objects is ca	lled		
	(A) Built in	(B) List	(C) Tuple	(D) Derived data	
5.	The data type whose	e representation is 1	known are called		
	(A) Built in datatype	e (B)	Derived datatype		
	(C) Concrete datat	ype (D)	Abstract datatype		
6.	The data type whose	e representation is	unknown are called		
	(A) Built in datatype	e (B)	Derived datatype		
	(C) Concrete dataty	pe <u>(D)</u>	<u>Abstract datatype</u>		
7.	Which of the follow	ing is a compound	structure?		
	<u>(A) Pair</u>	(B) Triplet	(C) single	(D) quadrat	
8.	Bundling two values	s together into one	can be considered a	IS	
	<u>(A) Pair</u>	(B) Triplet	(C) single	(D) quadrat	
9.	Which of the follow	ring allow to name	the various parts of	a multi-item object?	
	(A) Tuples	(B) Lists	(C) Classes	(D) quadrats	
10	. Which of the follow	ing is constructed	by placing expression	ons within square brackets?	
	(A) Tuples	(B) Lists	(C) Classes	(D) quadrats	



3. SCOPING

	oose the best answer			
1.		-	ibility of variables i	in one part of a program
	to another part f the	same program.		
2.	(A) Scope The process of bindin		(C) Address with an object is cal	•
3.	(A) Scope Which of the follow variable and object?	(B) Mapping wing is used in p		(D) early binding ages to map the
	(A)::	(B) :=	<u>(C) =</u>	(D) ==
4.	Containers for mappi	ing names of variab	les to objects is call	ed
5.	(A) Scope Which scope refers to	(B) Mapping o variables defined	· · · ·	(D) Namespaces
6.	(A) Local Scope The process of subdi-	• • •	• • • •	(D) Function Scope te sub-programs is called
	(A) Procedural Progr	amming	(B) Modular pro	gramming
7.	 (C) Event Driven Programming (D) Object oriented Programming 7. Which of the following security technique that regulates who can use resources in a computingenvironment? 			0
	(A) Password		(B) Authentication	n
	(C) Access control		(D) Certification	
8.	Which of the follow class?	ving members of a	class can be hand	lled only from within the
	(A) Public members		(B) Protected mer	nbers
	(C) Secured member		(D) Private mem	<u>bers</u>
9.	Which members are	accessible from out	side the class?	
	(A) Public members	<u>5</u>	(B) Protected mer	nbers
	(C) Secured member		(D) Private memb	
10.	The members that an its subclasses is called		within the class and	l are also available to
	(A) Public members		(B) Protected me	mbers
	(C) Secured member	S	(D) Private memb	ers



4. ALGORITHMIC STRATEGIES

Choose the best answer: (1 Mark)	
1. The word comes from the name	of a Persian mathematician Abu Ja'far
Mohammed ibn-i Musa alKhowarizm	i is called?
(A) Flowchart (B) Flow	(C) Algorithm (D) Syntax
2. From the following sorting algorit number of swaps?	hms which algorithm needs the minimum
(A) Bubble sort (B) Quick sort	(C) Merge sort (D) Selection sort
3. Two main measures for the efficiency	of an algorithm are
 (A) Processor and memory (C) Time and space 4. The algorithm that yields expected out 	(B) Complexity and capacity(D) Data and spacetput for a valid input in called as
	(B) Algorithmic outcomes(D) Algorithmic coding
5. Which of the following is used to des	-
(A) Big A(B) Big S6. Big Ω is the reverse of	(C) Big W (D) Big O
$(A) Big O (B) Big \theta$	(C) Big A (D) Big S
7. Binary search is also called as(A) Linear search (B) S	equential search
	lalf-interval search
8. The Θ notation in asymptotic evaluati	
	(C) Worst case (D) NULL case
9. If a problem can be broken into sub	_
times, the problem possesses which pr	-
(A) Overlapping subproblems	(B) Optimal substructure
(C) Memoization	(D) Greedy
	ue of storing the previously calculated values
(A) Saving value property	(B) Storing value property
(C) Memoization	(D) Mapping



5. PYTHON – VARIABLES AND OPERATORS

Choose the best answer: (1 Mark)

1.	. Who developed Python?				
	(A) Ritche B) Gu	iido Van Rossum	C) Bill Gates	D) Sunder Pitchai	
2.	The Python prompt in	ndicates that Interpr	reter is ready to acc	ept instruction.	
	<u>(A) >>></u>	B) <<<	C) #	D) <<	
3.	Which of the following	ng shortcut is used	to create new Pytho	on Program?	
	(A) $Ctrl + C$	B) Ctrl + F	C) Ctrl + B	<u>D) Ctrl + N</u>	
4.	Which of the following	ng character is used	l to give comments	in Python Program?	
	<u>(A) #</u>	B) &	C) @	D) \$	
5.	This symbol is used t	to print more than o	one item on a single	line.	
	(A) Semicolon(;)	B) Dollor(\$)	<u>C) comma(,)</u>	D) Colon(:)	
6.	Which of the following	ng is not a token?			
	(A) Interpreter	B) Identifiers	C) Keyword	D) Operators	
7.	Which of the following	ng is not a Keywor	d in Python?		
	(A) break	B) while	C) continue	D) operators	
8.	Which operator is als	o called as Compar	ative operator?		
	(A) Arithmetic	B) Relational	C) Logical	D) Assignment	
9.	Which of the following	ng is not Logical op	perator?		
	(A) and	B) or	C) not	D) Assignment	
10	. Which operator is als	o called as Conditi	onal operator?		
	(A) Ternary	B) Relational	C) Logical	D) Assignment	



6. CONTROL STRUCTRES

C	hoose the best answe	er (1 Mark)		
1.	How many importan	nt control structures	are there in Pythor	1?
	<u>A) 3</u>	B) 4	C) 5	D) 6
2.	elif can be considered	ed to be abbreviatio	n of	
	A) nested if	B) ifelse	<u>C) else if</u>	D) ifelif
3.	What plays a vital re	ole in Python progra	amming?	
	A) Statements	B) Control	C) Structure	D) Indentation
4.	Which statement is	generally used as a	placeholder?	
	A) continue	B) break	<u>C) pass</u>	D) goto
5.	The condition in the	if statement should	be in the form of	
	A) Arithmetic or Re	lational expression	B) Arithmetic or	Logical expression
	C) Relational or L	ogical expression	D) Arithmetic	
6.	Which is the most c	omfortable loop?		
	A) dowhile	B) while	<u>C) for</u>	D) ifelif
7.	I	of the following snip	opet?	
	i=1			
	while True: if i%3 ==0:			
	break			
	print(i,end=")			
	i +=1	D) 100	G) 1004	D) 101
0	$\frac{A) 12}{What is the output of$	B) 123	C) 1234	D) 124
8.	What is the output of $T=1$	of the following sing	ppet?	
	while T:			
	print(True) break			
	A) False	<u>B) True</u>	C) 0	D) 1
9.	Which amongst this			
	<u>A) for</u>	B) pass	C) continue	D) break
10	. Which punctuation	should be used in th	e blank?	
	if <condition></condition>	- 1		
	statements-block else:	. 1		
	statements-block	2		
	A);	<u>B):</u>	C) :::	D) !



7. PYTHON FUNCTIONS

Choose the best answer (1 Mark)

1.	A named blocks of code that are designed to do one specific job is called as				
	(A) Loop	(B) Branching	(c) Function	(D) Block	
2.	A Function which c	alls itself is called a	S		
	(A) Built-in	(B) Recursion	(C) Lambda	(D) return	
3.	Which function is ca	alled anonymous un	-named function		
	(A) Lambda	(B) Recursion	(C) Function	(D) define	
4.	Which of the follow	ing keyword is used	d to begin the func	tion block?	
	(A) define	(B) for	(C) finally	<u>(D) def</u>	
5.	Which of the follow	ing keyword is used	d to exit a function	block?	
	(A) define	<u>(B) return</u>	(C) finally	(D) def	
6.	While defining a fur	nction which of the	following symbol	is used.	
	(A); (semicolon)	(B). (dot)	<u>(C): (colon)</u>	(D) \$ (dollar)	
7.	In which arguments	s the correct position	nal order is passed	to a function?	
	(A) Required	(B) Keyword	(C) Default	(D) Variable-length	
8.	Read the following	statement and choose	se the correct state	ment(s).	
	(I) In Python, you function.	don't have to me	ntion the specific	data types while defining	
	(II) Python keywords	s can be used as fun	ction name.		
	(A) I is correct and	II is wrong	(B) Both are con	rrect	
	(C) I is wrong and I	l is correct	(D) Both are wr	ong	
9.	Pick the correct or	ne to execute the g	given statement		
	successfully.if_:				
	print(x, " is a lea	p year")			
	(A) x%2=0		<u>(B) x%4==0</u>		
	(C) x/4=0		(D) x%4=0		
10	Which of the follow	ing keyword is used	d to define the fund	ction testpython(): ?	
	(A) define	(B) pass	<u>(C) def</u>	(D) while	

8



8. STRINGS AND STRING MANIPULATION

Choose the best answer (1 Mark) 1. Which of the following is the output of the following python code? str1="TamilNadu" print(str1[::-1]) (A) Tamilnadu (C) udanlimaT (B) Tmlau **(D) udaNlimaT** 2. What will be the output of the following code? str1 = "Chennai Schools" str1[7] = "-" (A) Chennai-Schools (B) Chenna-School (C) Type error (D) Chennai 3. Which of the following operator is used for concatenation? (C) * (B) & $(\mathbf{A}) +$ (D) =4. Defining strings within triple quotes allows creating: (A) Single line Strings **(B)** Multiline Strings (C) Double line Strings (D) Multiple Strings 5. Strings in python: (A) Changeable (B) Mutable (C) Immutable (D) flexible 6. Which of the following is the slicing operator? $(A) \{ \}$ **(B)** [] (C) <>(D)()7. What is stride? (A) index value of slide operation (B) first argument of slice operation (C) second argument of slice operation (D) third argument of slice operation 8. Which of the following formatting character is used to print exponential notation in upper case? (A) %e **(B) %E** (C) %g (D) %n 9. Which of the following is used as placeholders or replacement fields which get replaced along with format() function? **(A) { }** (D) ^^ (B) <>(C) ++ 10. The subscript of a string may be: (B) Negative **(D) Either (A) or (B)** (A) Positive (C) Both (A) and (B) (A)

9



9. LISTS, TUPLES, SETS AND DICTIONARY

Cl	noose the best ans	wer (1 Mark)		
		onnection with colle	ection data type	
	(A) List	(B) Tuple	(C) Dictionary	(<u>D) Loop</u>
2.	Let list1=[2,4,6,8	,10], then print(List	1[-2]) will result in	
	(A) 10	<u>(B) 8</u>	(C) 4	(D) 6
3.	Which of the follo	owing function is us	sed to count the numb	er of elements in a list?
	(A) count()	(B) find()	<u>(C) len()</u>	(D) index()
4.	If List=[10,20,30,	40,50] then List[2]=	=35 will result	
	(A) [35,10,20,30,	40,50]	(B) [10,20,30	,40,50,35]
	<u>(C) [10,20,35,40,</u>	<u>50]</u>	(D) [10,35,30	0,40,50]
5.	If List=[17,23,41,	,10] then List.appen	d(32) will result	
	(A) [32,17,23,41,	10]	(B) [17,23,41	,10,32]
	<u>(C) [10,17,23,32,</u>		(D) [41,32,23	
6.	Which of the foll anexisting list?	owing Python func	tion can be used to a	dd more than one element within
	(A) append()	(B) append_more	() <u>(C) extend()</u>	(D) more()
7.	What will be the	result of the following		
	$S=[x^{**2} \text{ for } x \text{ in } x]$	range(5)]		
	print(S)			
	(A) [0,1,2,4,5]		(C) [0,1,4,9,16,25]	(D) [1,4,9,16,25]
8.		f type() function in j	•	
	(A) To create a T	-		he type of an element in tuple.
0			object.(D) To create	<u>a list.</u>
9.		owing statement is r		
	(A) A list is muta		uple is immutable.	
		function is used to		de la clint
10			tuple to add elemer	
10		$\{, \text{ Set } D = \{1, 3, 9\}. \}$	vitat will be the fo	esult of the following snippet?
	print(setA setB)	(\mathbf{P}) (2.0)	(C) {1}	(\mathbf{D}) [1 3 6 0]
11	(A){3,6,9,1,3,9} Which of the foll			(D) {1,3,6,9} ents that are in two sets but not
11		ommon to two sets?	mendees an the crem	ents that are in two sets but not
	(A) Symmetric d	ifference (B) Dif	ference (C) Interse	ection (D) Union
12		on, dictionary is spe	•	
	(A)=	(B);	(C)+	<u>(D) :</u>
	(11)-	(\mathbf{D}) ,	$(\mathbf{C})^{+}$	



10. PYTHON CLASSES AND OBJECTS

Choose the best answer (1 Mark)

1.	1. Which of the following are the key features of an Object Oriented Programming				
	language?				
	(A) Constructor and Classes	(B) Constructor	and Object		
	(C) Classes and Objects	(D) Constructor	r and Destructor		
2.	Functions defined inside a class:				
	(A) Functions (B) Module	(C) Methods	(D) section		
3.	Class members are accessed through	which operator?			
	$(A) \& (\underline{B}).$	(C) #	(D) %		
4.	Which of the following method is aut	tomatically executed	when an object is created?		
	(A)object() (B)del()	(C)func()	<u>(D) init ()</u>		
5.	A private class variable is prefixed w	vith			
	(A) (B) &&	(C) ##	(D) **		
6.	Which of the following method is use				
	(A)init() (B)dest()		<u>(D) del ()</u>		
7.	Which of the following class declarate				
	(A) class class_name	(B) class class_n			
	(C) class class name:	(D) class class_			
8.	Which of the following is the output	of the following prog	gram?		
	class Student:				
	definit_(self, name):				
	self.name=na				
	me print				
	(self.name)				
	S=Student("Tamil")				
_	(A) Error (B) Tamil	(C) name	(D) self		
9.	Which of the following is the private				
10	(A) num (B) ##num	(C) \$\$num	(D) &#		
10.	The process of creating an object is c				
	(A) Constructor (B) Destructor	(C) Initialize	(D) Instantiation		



11. DATABASE CONCEPTS

Ch	Choose the best answer (1 Mark)					
1.	What is the act	ronym of DBMS?				
	(A) DataBase	Management Symb	ol (B) Database Man	aging System		
	(C) DataBase	Management Syst	em (D) DataBasic M	anagement System		
2.	A table is know	wn as				
	(A) tuple	(B) attribute	(C) relation	(D) entity		
3.	Which databas	se model represents	parent-child relationship	?		
	(A) Relational	(B) Network	(C) Hierarchical	(D) Object		
4.	Relational data	abase model was fir	st proposed by			
	(A) E F Codd	(B) E E Cod	ld (C) E F Cadd	(D) E F Codder		
5.	What type of r	elationship does hie	erarchical model represen	ts?		
	(A) one-to-one	e <u>(B) one-to-r</u>	nany (C) many-to-one	(D) many-to-many		
6.	Who is called	Father of Relational	l Database from the follow	wing?		
	(A) Chris Date	2	(B) Hugh Darweer	n		
	(C) Edgar Fra	ank Codd	(D) Edgar Frank C	Cadd		
7.	Which of the f	following is an RDE	BMS?			
	(A) Dbase	(B) Foxpro	(C) Microsoft Access	(D) SQLite		
8.	What symbol i	is used for SELECT	statement?			
	<u>(A) σ</u>	(B) П	(C) X	(D) Ω		
9.	A tuple is also	known as				
	(A) table	<u>(B) row</u>	(C) attribute	(D) field		
10.	Who develope	d ER model?				
	<u>(A) Chen</u>	(B) EF Codd	(C) Chend	(D) Chand		



12. STRUCTURED QUERY LANGUAGE(SQL)

Choose the best answer (1 Mark)

1. Which commands provide definitions for creating table structure, deleting relations, and modifying relation schemas.

	(A) DDL	(B) DML	(C) DCL	(D) DQL
2.	Which comma	and lets to change the stru	cture of the table?	
	(A) SELECT	(B) ORDER BY	(C) MODIFY	(D) ALTER
3.	The command	l to delete a table is		
	<u>(A) DROP</u>	(B) DELETE	(C) DELETE ALI	L (D) ALTER TABLE
4.	Queries can be	e generated using		
	(A) SELECT	(B) ORDER BY	(C) MODIFY	(D) ALTER
5.	The clause use	ed to sort data in a databas	se	
	(A) SORT BY	(B) ORDER BY	(C) GROUP BY	(D) SELECT



12th - Computer Science

13. PYTHON AND CSV FILES

Ch	oose the best answer (1	Mark)			
1.	A CSV file is also know	n as a			
	(A) Flat File	(B) 3D File	(C) String File	(D) Random File	
2.	The expansion of CRLF	is			
	(A) Control Return and	Line Feed	(B) Carriage Return a	nd Form Feed	
	(C) Control Router and I	Line Feed	(D) Carriage Return	and Line Feed	
3.	Which of the following	module is provided by	Python to do several o	perations on the CSV files?	
	(A) py	(B) xls	<u>(C) csv</u>	(D) os	
4.	Which of the following	mode is used when dea	ling with non-text file	s like image or exe files?	
	(A) Text mode	(B) Binary mode	(C) xls mode	(D) csv mode 5	
5.	The command used to sl	kip a row in a CSV file	is		
	<u>(A) next()</u>	(B) skip()	(C) omit()	(D) bounce()	
6.	Which of the following	is a string used to term	inate lines produced by	y writer()method of csv	
	module?				
	(A) Line Terminator	(B) Enter key	(C) Form feed	(D) Data Terminator	
7.	What is the output of the	e following program? i	mport csv		
	d=csv.reader(open('c:\PYPRG\ch13\city.csv'))				
	next(d)				
	for row in d:				
	print(row)				
	if the file called "city.cs"	v" contain the followin	g details		
	chennai, mylapore				
	mumbai, andheri				
	(A) chennai, mylapore		(B) mumbai,andhei	<u>ri</u>	
	(C) chennai		(D) chennai, mylapor	re	
	mumbai		mumbai,andheri		
8.	Which of the following	creates an object which	n maps data to a diction	nary?	
	(A) listreader()	(B) reader()	(C) tuplereader()	(D) DictReader ()	
9.	Making some changes in	n the data of the existin	g file or adding more of	data is called	
	(A) Editing	(B) Appending	(C) Modification	(D) Alteration	
10.	What will be written ins	ide the file test.csv usin	ng the following progra	am	
	import csv				
	D = [['Exam'],['Quarterl	y'],['Halfyearly']]			
	csv.register_dialect('M',J	lineterminator = $'n'$			
	with open('c:\pyprg\ch13	3\line2.csv', 'w') as f:			
	wr = csv.writer(f,dia	lect='M')			
	wr.writerows(D)				
	f.close()				
	(A) Exam Quarterly Hal	fyearly	(B) Exam Quarterly	Halfyearly	
	(C) E		(D) Exam,		
	Q H		<u>Quarterly,</u> Halfyearly		
	11		<u>manyearly</u>		



14. IMPORTING C++ PROGRAMS IN PYTHON

Choose the best answer (1 Mark)							
1.	Which of the following is not a scripting language?						
	(A) JavaScript	(B) PHP	(C) Perl	(D) HTML			
2.	Importing C++ program in a Python program is called						
	(A) wrapping	(B) Downloading	(C) Interconnecting	g (D) Parsing			
3.	The expansion of API is						
	(A) Application Programming Interpreter (B) Application Programming Interface						
	(C) Application Performing Interface (D) Application Programming Interlink						
4.	A framework for interfacing Python and C++ is						
	(A) Ctypes	(B) SWIG	(C) Cython	(D) Boost			
5.	Which of the following is a software design technique to split your code into separate parts?						
	(A) Object oriented Programming (B) Modular programming						
	(C) Low Level Programming		(D) Procedure oriented Programming				
6.	The module which allows you to interface with the Windows operating system is						
	(A) OS module	(B) sys module	(c) csv module	(d) getopt module			
7.	getopt() will return an empty array if there is no error in splitting strings to						
	(A) argv variable (B) opt variable (c)args variable (d) if ile variable						
8.	Identify the function call statement in the following snippet. ifname_=='_main_': main(sys.argv[1:] (A) main(sys.argv[1:] (B)name(C)main(D) argv						
0	(A) main(sys.argv[1:] (B)name (C)main (D) argv Which of the following can be used for proceeding text numbers images ar						
א.	Which of the following can be used for processing text, numbers, images, and scientific data?						
	(A) HTML	(B) C	(C) C++	(D) PYTHON			
10	0. What does <u>name</u> contains?						
	(A) c ++ filename (1)	B) main() name	(C) python filenan	ne (D) os module name			



15. DATA MANIPULATION THROUGH SQL

Choose the best answer (1 Mark)									
1.	Which of the following is an organized collection of data?								
	(A) Database	(B) DBMS	(C) Information	(D) Records					
2.	SQLite falls under which database system?								
(A) Flat file database syst		e system	(B) Relational Database system						
	(C) Hierarchical database system		(D) Object oriented Database system						
3.	Which of the following is a control structure used to traverse and fetch the records of the database?								
	(A) Pointer	(B) Key	(C) Cursor	(D) Insertion point					
4.	Any changes made in the values of the record should be saved by the command								
	(A) Save	(B) Save As	(C) Commit	(D) Oblige					
5.	Which of the following executes the SQL command to perform some action?								
	(A) execute() (B) key() (C) cursor() (D) run()								
6.	Which of the following function retrieves the average of a selected column of rows in a table?								
	(A) Add()	(B) SUM()	<u>(C) AVG()</u>	(D) AVERAGE()					
7.	The function that returns the largest value of the selected column is								
	<u>(A) MAX()</u>	(B) LARGE()	(C) HIGH()	(D) MAXIMUM()					
8.	Which of the following is called the master table?								
	(A) sqlite_master	(B) sql_master	(C) main_master	(D) master_main					
9.	The most commonly used statement in SQL is								
	(A) cursor	(B) select	(C) execute	(D) commit					
10	0. Which of the following clause avoid the duplicate?								
	(A) Distinct	(B) Remove	(C) Where	(D) GroupBy					



16. DATA VISUALIZATION USING PYTHON:

LINE CHART, PIE CHART AND BAR CHART

Choose the best answer (1 Mark)

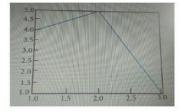
- 1. Which is a python package used for 2D graphics? (A) matplotlib.pyplot (B) matplotlib.pip (C) matplotlib.numpy (D) matplotlib.plt
- 2. Identify the package manager for Python packages, or modules. (A) Matplotlib **(B) PIP** (C) plt.show() (D) python package
- 3. Read the following code: Identify the purpose of this code and choose the right option from C:\Users\YourName\AppData\Local\Programs\Python\Python36the following. 32\Scripts>pip - version (A) Check if PIP is Installed (B) Install PIP
 - (C) Download a Package

(D) Check PIP version

4. Read the following code: Identify the purpose of this code and choose the right option from the following.C:\Users\Your Name\AppData\Local\Programs\Python\Python36-32\Scripts>piplist

(A) List installed packages (B) list command (C) Install PIP (D) packages installed

- 5. To install matplotlib, the following function will be typed in your command prompt. What does "-U" represents? Python -m pip install -U pip (A) downloading pip to the latest version (B) upgrading pip to the latest version
- (C) removing pip (D) upgrading matplotlib to the latest version 6. Observe the output figure. Identify the coding for obtaining this output.



- (A) import matplotlib.pyplot as plt plt.plot([1,2,3],[4,5,1]) plt.show()
- (B) import matplotlib.pyplot as plt plt.plot([1,2],[4,5]) plt.show()
- (C) import matplotlib.pyplot as plt plt.plot([2,3],[5,1]) plt.show()
- (D) import matplotlib.pyplot as plt plt.plot([1,3],[4,1]) plt.show()

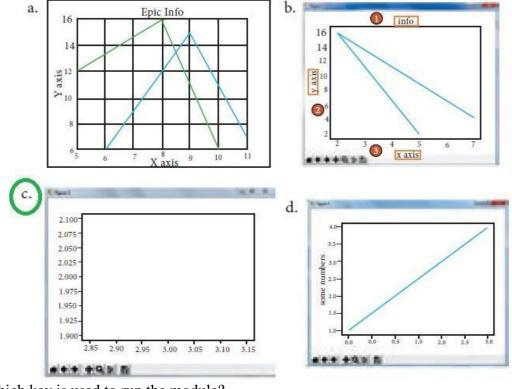


7. Read the code:

(A) import matplotlib.pyplot as plt

- (B) plt.plot(3,2)
- (C) plt.show()

Identify the output for the above coding.



- 8. Which key is used to run the module?
 (A) F6
 (B) F4
 (C) F3
 (D) F5
 9. Identify the right type of chart using the following hints.
- Identify the right type of chart using the following hints.
 Hint 1: This chart is often used to visualize a trend in data over intervals of time.
 Hint 2: The line in this type of chart is often drawn chronologically.

(A) Line chart (B) Bar chart (C) Pie chart (D) Scatter plot

 Read the statements given below. Identify the right option from the following for pie chart. Statement A: To make a pie chart with Matplotlib, we can use the plt.pie() function. Statement B: The autopct parameter allows us to display the percentage value using the Python string formatting.

(A) Statement A is correct

- ne statements are correct
- (B) Statement B is correct
- (C) Both the statements are correct
- (D) Both the statements are wrong



Education Is The Most Powerful Weapon Which You Can Use To Change The World. ALL THE BEST!



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