Register

		Number				
Class: 12	4 14	TNATION	-JANUA	RY.	2024	
Class	ON EXAM	111177	=		-	
Class: 12 FIRST REVIS	COMPUT	ER SCIENC	E	1	Max. Marks :	70
Time Allowed : 3.00 Hours					15X1=	-15
20-20-		newer from the	given four all	ernat	tives and wr	ite
Note: i) All the questions. ii) Choose the mother option code 1. Which of the following are	st appropriate a	ponding answer. te the type annota c) [wine in the fu	notion	dofinitio=2	
MA ANTION COU	- A- 14/711	A 1110 17F	1	a (definition?	
4 Mich of the following are	mandatory to will	c) [] item object	?		
Which of the following are a) {} Which of the following allow Tuples	b) ()	ious parts of a m		d) c	quadrats	
2. Which of the following allow	N to hame the	c) C	lasses	-,	,	
a) Tuples	d 26					
3. Binary search is also called	u as	d) F	lalf-interval se	arch		
a) Linear search		u, .				
c) Random search 4. Expand IDLE:						
the state of the s	rning Environmen	nt 				
				ıL	ut iteration?	
d) Integrated Developme 5. Which statement is used to	nt Learning Envi	ing part of the loc	op and start wi	tu ne	xt iteration?	
5. Which statement is used to	b) pass	c) (continue	a)	nuii	
a) break . What is the output of the	D) Par-				-	
a, b = 5, 2	given idiloso					
print (pow (a,b))				d)	25	
	b) 5		2	٠,	20	
7. Which of the following is	the output of the	following python o	code r			
str1="TamilNadu"						
print(str1[::-1])	4) Today	C	udanlimaT	d)	udaNlimaT	
a) Tamilnadu	b) Tmlau		addi	•		
 Which of the following star a) A list is mutable 	ternent is not con) A tuple is imm	nutable.			
c) The append() function	is used to add a	an element.				
d) The extend() function	is used in tuple t	to add elements i	n a list.			
9. Class members are acces	sed through which	ch operator?				
4	D) 6	C)	%	d)	#	
to talket have of colationship	does hierarchica	al model represer	its?			
a) one to one	D) one-to- n	nany c)	many- to-one	a)	many- to-n	nany
44 command is 119	of to remove a I	able from the dai	abase.			
a) DELETE ALL	b) DROP IA	ABLE C)	ALIER IABLE	= a)	DELETE	
12. Which of the following is	a string used to	terminate lines pr	oduced by wri	ter() i	method of c	SV
module?_	b) Enter kei	, ()	Form food	ط۱	Data Torm	inator
a) Line Terminator	totoment in the	inllowing eninnet	roilli leed	u)	Data Terri	iliator
13. Identify the function call s	t.	ollowing shippet.				
ifname =='main						
main(sys.argv[1:]) a) main(sys.argv[1:])	h) name	c)	main	d١	arav	
a) main(sys.argv[1.])	J)	_		u)	argv	
14. Which SQL function return	ns the number o	f rows in table?				
-\ CIIIA/\	D) MAXI)	C)	CHECK()	d١	COUNT()	
 a) SUM() 15. Using Matplotlib from with 	in a Python Scri	pt, which method	inside the file	will	display your	ctola
	b) disp()	PART – II	clear()	d)	show()	P.OC!
a) plot()	-,	PART - II		۵,		
Note: Answer any six que						622
Question No. 24 Is	compulsory.					⁶ x2=1
Manager						

16. What is a Tuple? Give an example.
17. What do you meant by Namespace?
18. Write a note on break statement.
19. Write the syntax to create list with suitable example in Python.

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21. Write the difference between table constraint and column constraint.
 22. What is CSV file?
 23. Define Data Visualization.
 24. What will be the output of the following code?
        Str1="School"
        print(Str1*3)
                                                                                             6x3=18
                                             PART - III
 Note: Answer any six questions:
         Question No. 33 is compulsory.
 25. Mention the characteristics of interfa ce.
 Write a note on Asymptotic notation.
 27. Assume a = 97 and b = 35, Evaluate the following Logical expressions:
     (i) a>b or a==b
     (ii) a>b and a==b
     (iii) not a>b
 Write the basic rules for global keyword in Python.
29. What will be the output of the given Python program?
     a = "Computer"
    b = "Science"
    x = a[:4] + b[len(b)-3:]
    print(x)
 30. What is the role of DBA?
31. What are the applications of scripting languages?
32. Write short note on: (a) Group by (b) Order by clause - in SQL
33. >>> a=(10,)
    >>> type(a)
    What will be returned by the above given type()?
                                              PART - IV
                                                                                             5x5=25
    Note: Answer all the questions.
34, (a) What is a List? Why list can be called as pairs? Explain with suitable example.
                                                 (OR)
    (b) Discuss about linear search algorithm.
35. (a) Discuss in detail about Tokens in Python.
                                                 (OR)
   (b) Write a detail note on 'for' loop.
36. (a) Explain the following built-in functions:
                                                               (v) pow()
                                                   (iv) type( )
                 (ii) chr()
                                 (iii) round()
   (i) id()
                                                 (OR)
            What is slicing?
   (b) (i)
            What is the output for the following Python commands?
                 Str1 = "Thinking with Python"
                 (a) print(Str1[::3])
                 (b) print(Str1[::-3])
                 (c) print(Str1[9:13])
37.(a) What is Nested Tuple? Explain with an example.
                                                 (OR)
   (b) Explain the types of data model.
38 (a) Explain each word of the following command.
       python <filename.py> -<i> <C++ filename without cpp extension>
                                                 (OR)
        Write the Python script to display all the records of the following table using
```

fetchmany	ItemName	Rate
1004 1005 1008 1010	Scanner Speaker Printer Monitor Mouse	10500 3000 8000 15000 700
1010		