

A Valuable material from SS PRITHVI's

**Class 12**

**2023-24**

**NEW !!**

**ALL QNS COVERED !!**



**PRITEDUCATION**

PRACTISE! PERFORM! PERFECT!

A COLLECTION OF

# COMPULSORY QUESTIONS

**SUBJECT:**

**C S**

**MR. SS PRITHVI**

**CLICK TO JOIN US TO GET FREE MATERIALS**



kindly send me your key Answers to our email id - [padasalai.net@gmail.com](mailto:padasalai.net@gmail.com)

**Getting in:**

- It gives me great pride and pleasure in bringing to you, this wonderful booklet.
- The compulsory questions are collected from almost all the available previous years' question papers, which will give an idea about to study the topics which will help them to tackle these compulsory questions.

- SS PRITHVI, FOUNDER- PRIT~EDUCATION.

## FIRST MID TERM

1	Write a python program to check the given number odd/even?
2	What is the value of min in min = 50 if 49 > 50 else 70?
3	Write the output of the following program. <pre> x = 5 y = 6 z = x+y print ("The sum of", x, "and", y, "is", z) </pre>
4	What is a Literal? Explain the types of literals.
5	Write a python code to check whether a given year is leap year or not.
6	Identify which of the following are constructors and selectors? a) City - make city (name, lat, lon) b) displaynum (n1) c) a, b = number (n1), number (n2) d) display ( )
7	Write the Pseudo code for Bubble sort Algorithm.

[kindly send me your key Answers to our email id - padasalai.net@gmail.com](mailto:padasalai.net@gmail.com)

8	What is Insertion sort ?
9	<p>Identify the scope of variable in the following pseudo code.</p> <pre> num = 10 sum ( )   num 1 : = 20   sum 1 ( )     num 2 : = 30     num1:=num1+num2     print num 1, num 2   sum 1 ( ) sum ( ) print num </pre>
10	Give the Syntax for user defined function
11	List the control structures in python.
12	Differentiate cell() and floor() function.
13	<p>Identify which of the following are constructors and selectors?</p> <p>a) City - make city (name, lat, lon)</p> <p>b) displaynum (n1)</p> <p>c) a, b = number (n1), number (n2)</p> <p>d) display ( )</p>
14	Write note on range ( ) in loop.
15	<p>What will be the output of the following code?</p> <pre> for i in range(2, 10, 2);   print(i, end= ' ') </pre>

16	What is a List? Give an example.
17	Discuss about algorithmic complexity and its types.
18	Write the output. for i in range (2, 10, 2): print (i, end= '')
19	Write the output of the program. S1 = "AB" S2 = "ate" for i <sup>0</sup> in S1 Print ( (i <sup>0</sup> + S2), end = '/t')
20	Write the output for the following program. 10 20 30 40 50 60
21	What are the different operators that can be used in python?
22	Differentiate Concrete data type and abstract data type.
23	Give the syntax for user defined function.
24	Write a python program to check the given year is a leap year or not.
25	Write the syntax of if and if .., else statements in python.
26	Differentiate Constructors and Selectors.
27	

	What is sorting?
28	State the differences between break and continue statements.
<b>QUARTERLY</b>	
	Define primary key Constraint.
1	What is Constructor?
2	<p>What will be the output of the following program?</p> <pre>def fun():     lst=[x**2 for x i in range (2,10,2)]     print (len(lst)) fun()</pre>
3	<p>What will be the output of the given Python program?</p> <pre>a= "Computer" b= "Science" x= a [i4] z = b [len(b) -3] Print (x) Print (z)</pre>
4	<p>What is the output of the following python code?</p> <pre>for ch in "Jump statement":     if ch == 'e':         continue     print (ch, end=' ') print ("\n End of the Program")</pre>
5	

	Write a python program to generate first ten even numbers in a list.
6	What are the comments operators used in Python?
7	<p>Write a python program to display the given pattern.</p> <pre> C CO COMP COMPU COMPUT COMPUTE COMPUTER </pre>
8	What is ternary operator in Python?
9	Write a python code to check whether a given year is leap year or not.
10	Define global scope.
11	What are class members? How do you define it?
12	24. Create a query to display the student table with students of age more than 18 and arrange the table in descending order based on their AdmNo.
13	<p>33. Write a python program to print the following pattern.</p> <pre> A B C D E A B C D A B C A B A </pre>



14	What will be the output of the following python code? <pre>&gt;&gt;&gt; str1 = "School" &gt;&gt;&gt; print (str1 * 3)</pre> <p>...</p>
15	How will you create constructor in Python?
16	Write a class with two private class variables and print the sum using method.
17	What will be the value of x in the following python code <pre>list = [2,4,6,[1,3,5]] x=len(list)</pre>
18	Write the output of the following python code. <pre>i=0 if(i&lt;0):i=i+1 x=True if i&lt;0 else False print(x)</pre>
19	What is the output of the following python program. <pre>str1='welcome' str2='to school' str3=str1[:2]+str2[len(str2)-2:] print(str3)</pre>
20	Let setA=(3, 6, 9), setB=(1, 3, 9) then write the output of given snippet <pre>Print(setA   set B)</pre>
21	

	<p>What is the output of the following program?</p> <pre> class sample:     def __init__(self, name):         self.name = name     def display(self):         print("Welcome", self.name) a = sample('Tamilnadu') a.display() </pre>
22	<p>What will be the output of the following code?</p> <pre> for i in range(2, 11, 2):     print(i, end = " ") </pre>
23	<p>What will be the output of the following code?</p> <pre> squares = [x**2 for x in range(1, 11)] print(squares) </pre>
24	<p>What will be the output of the following python code?</p> <pre> Str 1 = "Welcome" Print ( Str 1 * 4) </pre>
25	Write the syntax of while loop?
26	Define global scope.
27	What are class members? How do you define it?
28	What is the positive and negative subscript value of the character 'n' in string "Tamilnadu".
29	What is the use of format( )? Give an example
30	



	<p>What is the output of the following python code?</p> <pre>for ch in "Jump statement":     if ch == 'e':         continue     print (ch, end=' ') print ("\n End of the Program")</pre>
31	Write a python program to generate first ten even numbers in a list.
32	Write the syntax of if...else statement?
33	<p>What will be the output of the following code?</p> <pre>list = [x**2 for x in range(5)] print(list)</pre>
34	What is Tuples? Give an example.
35	<p>What will be the output of the following code?</p> <pre>Sub=["Tamil", "English", "Comp Sci", "Maths"] i = 0 while i &lt; len(sub) :     print (sub[i])     i = i + 1</pre>

## SECOND MID TERM

1	What is the use of cd command. Give an example.
2	Write the expansion of (i) SWIG (ii) API
3	How will you write a CSV file into a dictionary?
4	

kindly send me your key Answers to our email id - padasalai.net@gmail.com

	Expand: (i) SWIG (ii) MinGW
5	Write the DML Commands with brief notes.
6	Write the syntax of getopt() function.
7	<p>Write the output of sample 2. CSV File</p> <pre> import CSV Data = [['Book', 'Qnantity'], ['C++', '10'], ['Java', 15], ['Python', 20] CSV register dialect ('myDialect', delimiter= 'T', linterminator='T' F=Open ('D:\\pyprg\\sample2.CSV', 'w') Writer =CSV. Writer (F, dialect= 'myDialect') Writer.Writerows (Data) F.Close ( ) </pre>
8	How will you sort more than one column from a CSV file? Give an example statement.
9	What is SQLite? Give its advantages.
10	What is the difference between reader() method and Dict Reader() class?
11	Write the expansion of SWIG and MINGW.
12	<p>What will be the output of following CSV file in MSEXCEL?</p> <p>CSV file in notepad:</p> <pre> Regno. Name Game 1010, Abdul, ""Football"" 3106, Babu, ""Hockey"", ""Cnckel"" 2010, Antony, ""Basketball"" </pre>
13	What is the use of CD command. Give an example.
14	Identify the module, operator, definition. name for the following. welcome.display ()
15	What is the use of csv.reader() function and write down its Syntax.
16	What is MinGW? What is its use? [repeated]
17	Write note on "TABLE CONSTRAINT".
18	Write a python program to read specific column in a CSV file.

## HALF YEARLY

1	Define Data Visualization.
2	Write any three uses of data visualization.
3	What will be the output of the following snippet? <pre>set_a = {'A', 2, 4, 'D'} set_b = {'A', 'B', 'C', 'D'} print(set_a&amp;set_b)</pre>
4	Consider the following tuple declaration: <pre>&gt;&gt;&gt; Mytuple = tuple([x **2 for x in range(2,11,2)])</pre> What will be the output of the following print statements? (i) >>> print(Mytuple[1:3]) (ii) >>> print(Mytuple[3:]) (iii) >>> print(Mytuple[:])
5	What will be the output of the following snippet? <pre>set_a = {'A', 2, 4, 'D'} set_b = {'A', 'B', 'C', 'D'} print(set_a&amp;set_b)</pre>
6	What is the difference between reader() and DictReader() func Consider the following tuple declaration: <pre>&gt;&gt;&gt; Mytuple = tuple([x **2 for x in range(2,11,2)])</pre> What will be the output of the following print statements? (i) >>> print(Mytuple[1:3]) (ii) >>> print(Mytuple[3:]) (iii) >>> print(Mytuple[:])
7	Differentiate Compiler and Interpreter.
8	List the types of Visualization in Matplotlib.
9	

	<p>What will be the output of the following python code</p> <pre> class hosting:     def __init__(self,name):         self.__name=name     def display(self):         print("Welcome to", self.__name) obj=hosting("Python Programming") obj.display() </pre>
10	<p>What will be the output for the following code?</p> <pre> &gt;&gt;&gt; place = "Tech-Park" &gt;&gt;&gt; print (place * 3) </pre>
11	<p>Identify the module, operator and the definition name from the following statement.</p> <pre> Welcome . display () </pre>
12	<p>What will be the value of X in following python code? List 1 [2,4,6,[1,3,5]]</p> <pre> x = len(list1) </pre>
13	<p>Read the following details based on that write a Python Script to display records. in descending order of Eno.</p> <pre> database name      : Organization.db Table name         : Employee Columns in the Table : Eno, Emp name, Esal, Dept. </pre>
14	<p>4. What will the output of the following Python code?</p> <pre> setA={x for x in range(4)} setB={x*2 for x in range(4)} setC=setA&amp;setB print(setC) </pre>
15	<p>33. What will be the output of the following Python Code?</p> <pre> Numbers = (5, -8, 6, 8, -4, 3, 1) Positive = () for x in Numbers:     if x &gt; 0:         Positive += (x, ) print("Positive Numbers: ", Positive) </pre>
16	<p>What is sys.argv?</p>
17	

	<p>What will be the output of the following code?</p> <pre>list = [2**x for x in range(5)] print(list)</pre>
18	Write a Python Program to modify an existing file
19	<p>What will be the output of the given python program ?</p> <pre>str = " COMPUTER SCIENCE "</pre> <p>a) print(str * 2)                      b) print(0:7)</p>
20	<p>Write a program to the following output</p> <pre>A AB ABC ABCD ABCDE</pre>
21	<p>What will be the output of the following program?</p> <pre>alpha = list(range(65,70)) for x in alpha :     print(x, end="V")</pre>
22	<p>29. Write a python program to display the given pattern ?</p> <pre>COMPUTER COMPUTE COMPUT COMPU COMP COM CO C</pre>
23	Define floor() and ceil() function with syntax and example
24	What is the difference between the List and Dictionary?
25	

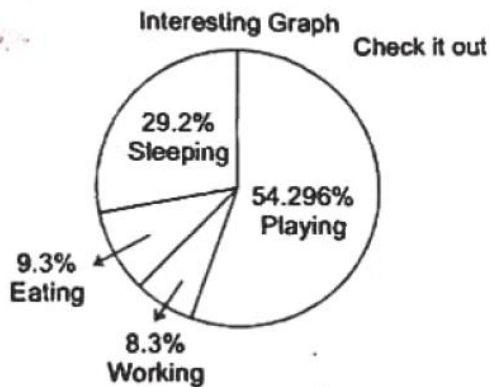


	Write a Python program to illustrate the use of while loop - to print all numbers from 10 to 15?
26	What is the difference between Python and C++?
27	What is the difference between csv.reader() and DictReader()?
28	Using if..else..elif statement write a suitable program to display largest of 3 numbers.
29	What is Composition in Functions?
30	List some of the Characteristics of an Algorithm?
31	Define Dictionary Comprehension
32	Define COMMIT and TRUNCATE Command
33	What is meant by Parameters and Arguments?
34	Write the alternate method for If – Else?
35	How will you sort more than one column from a csv file? Give an example.
36	What is the output of the following python program? <pre>str1 = "COMPUTER" str2 = "SCIENCE" str3 = str1[:2] + str2[len(str2) - 2:] print(str3)</pre>
37	Write a SQL statement using DISTINCT Keyword.
38	



	<p>What will be the value of x in the following python code?</p> <pre>l = [2, 4, 6 [1, 3, 5]] x = len ( l )</pre>										
39	Using if . . . elif . . . else . . . statement write a suitable program to display largest of three members?										
40	What is Data Visualization?										
41	Write a Python program to calculate area and circumference of a circle using classes & objects.										
42	<p>Evaluate the following functions and write the output :</p> <p>i) format (0b110, 'd')      ii) format(0xa, 'd')</p>										
43	Write a program to print all numbers from 1 to 5										
44	What is the advantage of declaring a column as "INTEGE PRIMARY KEY"?										
45	<p>Write the plot for the following pie chart output.</p> <p>Interesting Graph      Check it out</p> <table border="1"> <caption>Pie Chart Data</caption> <thead> <tr> <th>Activity</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Playing</td> <td>54.296%</td> </tr> <tr> <td>Sleeping</td> <td>29.2%</td> </tr> <tr> <td>Eating</td> <td>9.3%</td> </tr> <tr> <td>Working</td> <td>8.3%</td> </tr> </tbody> </table>	Activity	Percentage	Playing	54.296%	Sleeping	29.2%	Eating	9.3%	Working	8.3%
Activity	Percentage										
Playing	54.296%										
Sleeping	29.2%										
Eating	9.3%										
Working	8.3%										
46											

	<p>Write a program to display the following pattern</p> <pre> . .. ... .... ..... </pre> <p>SS PR</p>
47	Write any three uses of data visualization?
48	<p>What is the advantage of declaring a column as INTEGER PRIMARY KEY?</p> <p>Fill in the blank with suitable Python code to get the output: [12, 23, 36]</p> <pre> MyList=[36, 23, 12] ..... print (MyList) </pre>
49	<p>What will be the output of the following Python Code?</p> <pre> class String:     def __init__(self, str1):         self.str1 = str1         self.vowel = 0     def count(self):         for char in self.str1:             if char in 'AEIOUaeiou':                 self.vowel += 1         print("No. of vowels.", self.vowel) S = String("Tamilnadu") S.count() </pre>
50	Write the Syntax to execute the python program to run the c++ program?
51	<p>Write a python program to print the following pattern</p> <pre> 1 12 123 1234 12345 </pre>
52	Mention the two ways to read a CSV file using python.

53	What will be the output of the given python program?
54	<p>Write the plot for the following pie chart output.</p> 
<b>REVISION 1 &amp; 2</b>	
1	What is the use of next() function?
2	<p>What will be the output of the given python program?</p> <pre>a = "computer" b = "science" x = a[:4]+b[len(b).3:] print (x)</pre>
3	Differentiate Compiler and Interpreter.
4	What is the use of 'SAVE POINT' command?
5	Write categories of SQL commands.
6	Differentiate PYTHON and C++
7	

	What will be the output of the following code? <pre>list = [2**x for x in range(5)] print(list)</pre>
8	Write a Python code to check whether a given year is leap year or not.
9	What is the output of the following Snippet? <pre>for i in range ( 2, 10, 2):     print ( i, end = '')</pre>
10	What will be the out put of the given python program? <pre>&gt;&gt;&gt;str1 = "Welcome to learn Python". &gt;&gt;&gt; print (str1 [10: 16]) &gt;&gt;&gt; Print (str1 [10: 16 : 2]) &gt;&gt;&gt; Print (str1 [ : : 3])</pre>
11	Define Global scope?
12	Write the syntax of while loop with an example?
13	What is the output of the following snippet? <pre>for i in range (2,10,2):     print (i, end = '')</pre>
14	Evaluate the following function and write the output : <pre>x = 14.14 print(math.floor(x)) print(math.ceil(x))</pre>
15	Differentiate Unique and Primary Key constraint
16	What is the purpose of Destructor ?
17	Explain public and private data members in class.

18	What is the advantage of declaring a column as "INTEGER PRIMARY KEY"
19	What is the difference between the write mode and append mode.
20	Write note on range() in loop?
21	Explain cartesian product with suitable example.
22	Define Data visualization.
23	What is the purpose of fetchone () and fetchmany() functions.
24	What is the use of Cd Command? Give example.
25	Write a python program to find sum of all averages in the average field of "Student table".
26	Identify the errors a) int a [5,5]      b) Char ch [1] ='s'      c) int roster = {1,2,3,4}
27	Predict the output: #include<iostream.h> #include<conio.h> void main() { int i=20; cout<<i<<i++<<++i; getch(); }
28	What is switch statement? Give its syntax.
29	How many times the following loop will be executed? For (int x = 1, ; x < 10 ; x++)

30	Explain string manipulation functions with example.
31	What is Keyword ? Give examples.
32	Write an output for the following Python program. <pre>X=int(input ("Enter Number 1 : ")) Y=int(input ("Enter Number 2 : ")) print("The sum=", X+Y)</pre>
33	Define control structure.
34	Write the syntax of while loop.
35	What will be the output of the following snippet? <pre>alpha = list(range(65,70)) for x in alpha:     print(chr(x),end='\t')</pre>
36	Write a short note on string slicing with syntax and example.
37	Write the syntax of getopt.getopt method.
38	Write a program to get the following output <pre>1 1 2 1 2 3 1 2 3 4</pre>
39	Name any four keywords in Python.
40	



	How will you ensure the principle of data encapsulation in object - oriented program?
41	Mention the default modes of the File.
42	What is the difference between reader() and DictReader() function?
43	What is the output of the following code? <pre>str = "Computer Science" print (str [0 : 7])</pre>
44	What are the applications of scripting language?
45	How will you install matplotlib?
46	Write the output of the following program. <pre>str1 = "welcome" str2 = "to school" str3 = str1 [:2] + str2 [len(str2)-2:] print(str 3)</pre>
47	What is list in Python ?
48	Write a SQL statement to modify the student table structure by adding a new field.
49	24. Identify Constructors and Selectors? (i) eval(a/b) (ii) display( ) (iii) N1=number() (iv) x,y=makeslope(m)

50	<p>Write a python program to display the given pattern</p> <pre> SCHOOL SCHOO SCHO SCH SC S </pre>
51	<p>Write the output</p> <pre> str1="ABCDE" str2="ate" for i in str1:     nrint((i+str2).end='\t') </pre>
52	<p>Write the general syntax of OS module.</p>
53	<p>Write the output of the following:</p> <pre> a) &gt;&gt;&gt;str1="tamilnadu"&gt;&gt;&gt;print(str.1[0.5]) b) &gt;&gt;&gt;a=0b1010 &gt;&gt;&gt;print("integer Literals.",a) c) &gt;&gt;&gt;a=35 &gt;&gt;&gt;b=56 &gt;&gt;&gt;print("The a!=b=",a!=b) </pre>
54	<p>What will be the output of the following snippet?</p> <pre> set_A=('A',2,4,'D') set_B=('A','B','C','D') print(set_A &amp; set_B) </pre>
55	<p>What the pie chart ? How will you create pie chart in Python ? Give an example? What is a Public and Private data member in Python ?</p>
56	<p>What will be the output of the following program?</p> <pre> lst=[x**2 for x in range(2,10,2)] print(len(lst)) </pre>

57	<p>What will be the output of the given Python program?</p> <pre> a="Computer" b="Science" x=a[:4]+b[len(b)-3:] print(x) </pre>
58	<p>24) Write the output of the following segment.</p> <pre> i = 10 while (i &lt;= 15) print (i, end = '\t') i = i + 2 else print("value of i when the loop exit", i) </pre>
59	<p>What is the output of the following program.</p> <pre> Class greet def __init__(self, n); self._n = n def display (self): print("How are you?", self.n) obj = greet("Dear Teacher") obj.display() </pre>
60	<p>Write the output:</p> <pre> Str 1 = "ABCDE" Str 2 = "ate" for i in Str 1 print ((i+str 2), end='\t') </pre>
61	<p>What are the advantages of user-defined functions ?</p>
62	<p>What will be the output of the given Python program ?</p> <pre> a="Computer" b="Science" x=a[:4]+b[len(b)-3:] print(x) </pre>
63	<p>What will be the output of the following code?</p> <pre> Str1="School" print(Str1*3) </pre>
64	

	<pre>&gt;&gt;&gt; a=(10,) &gt;&gt;&gt; type(a)</pre> <p>What will be returned by the above given <code>type()</code>? ...</p>
65	Which method is used to connect a database? Give an example
66	<p>What is the output of the following snippet? <code>str1 = "welcome" print(str1.isupper( ))</code></p>
67	<p>List the types of visualization ...</p> <p>What will be the value of x in following python code?</p> <pre>List = (2, 4, 6 [, 3, 5]) x = len (list 1)</pre>
68	<p>Write a query that selects all students whose age is greater than 18 in order wise</p>
69	<p>Write the output of the following Python code.</p> <pre>L1 = [2**x for x in range(1, 6)] T1 = tuple (L1) print(L1) print(T1)</pre>
70	What are the advantages of user-defined functions ?
71	List the general types of data visualization.
72	What is the use of Where Clause? Give a python statement using the Where Clause.
73	<p>1. What will be the output of the following Code?</p> <pre>Str1 = "Welcome to learn Python" print (Str1 [ :: - 2])</pre>
74	<p>What is the output of the following code?</p> <pre>for i in range(3, 30, 3):     print(i, end=' ')</pre>

75	What is the output of the following python code? <pre>&gt; &gt; &gt; (x,y,z,p) = (2**2, 5/3+4, 15%2, 34 &gt; 65) &gt; &gt; &gt; print (x, y, z, p)</pre>
76	What will be the value of x in the following python code? <pre>L = [2, 4, 6[1, 3, 5]] X = len (l)</pre>
77	Using if....elif...else. statement write a suitable program to display largest of three members?
78	What is the use of lambda or anonymous function?
79	Write a program to check if a number is Positive, Negative or zero.
80	Write the output <pre>class Odd_Even:     def check(self, num):         if num%2==0:             print(num," is Even number")         else:             print(num," is odd number") n=Odd_Even() x=int(input("Enter a value: ")) n.check(x)</pre>
81	Write a program to display all 4 digit even numbers.
82	Which method is used to connect a database? Give an example
83	What is the output of the following snippet? <code>str1 = "welcome" print(str1.isupper( ))</code>

## PUBLIC AND PTA

1	<p>கொடுக்கப்பட்டுள்ள குறிமுறையின் வெளியீடு என்ன?</p> <pre>alpha=list(range(65,70)) for x in alpha:     print(chr(x), end='\\t')</pre> <p>What will be the output of the following snippet?</p> <pre>alpha=list(range(65,70)) for x in alpha:     print(chr(x), end='\\t')</pre>
2	<p>கொடுக்கப்பட்டுள்ள வடிவத்தை அச்சிடுவதற்கான பைத்தான் நிரல் மூலையை எழுதுக.</p> <p>Write a Python program to display the given pattern</p> <pre>COMPUTER COMPUTE COMPUT COMPU COMP COM CO C</pre>
3	Define primary key Constraint.
4	What is Constructor?
5	Define Data Visualization.
6	Write any three uses of data visualization.
7	<p>What will be the output of the given Python program ?</p> <pre>str="COMPUTER SCIENCE"</pre> <p>(a) print(str*2)                      (b) print(str[0 : 7])</p>

kindly send me your key Answers to our email id - [padasalai.net@gmail.com](mailto:padasalai.net@gmail.com)



8	<p>Write the output of the following program.</p> <pre> class Hosting:     def __init__(self,name):         self.__name=name     def display(self):         print("Welcome to",self.__name) obj=Hosting("Python Programming") obj.display() </pre>
9	<p>What are the advantages of user-defined functions?</p>
10	<p>What will be the output of the given Python program?</p> <pre> a = "Computer" b = "Science" x = a[:4] + b[len(b)-3:] print(x) </pre>
11	<p>What is list in Python ?</p>
12	<p>Write short notes on Arithmetic operator with examples.</p>
13	<p>What is Keyword ? Give examples</p>
14	<p>Write an output for the following Python program.</p> <pre> X=int(input ("Enter Number 1 : ")) Y=int(input ("Enter Number 2 : ")) print("The sum=", X+Y) </pre>
15	<p>Write the syntax of getopt.getopt method.</p>
16	

	<p>Write a program to get the following output :</p> <pre>A A  B A  B  C A  B  C  D A  B  C  D  E</pre>
17	<p>What will be the output of the following code ?</p> <pre>Str1 = "School" print (str1*3)</pre>
18	<p>What is the output of the following program ?</p> <pre>class Greeting :     def _init _ (self, name) :         self._ name = name     def display (self) :         print ("Good Morning", self._ name) obj = Greeting ("Bindu Madhavan") obj.display ( )</pre>
19	<p>What will be output of the following Python code ?</p> <pre>Squares=[x**2 for x in range(1,11)] print (squares)</pre>
20	<p>Write about the steps of Python program executing C++ program using control statement.</p>
21	<p>What is Set in Python?</p>
22	<p>Write a Python code to check whether a given year is leap year or not.</p>
23	<p>What will be the output of the following Python code?</p> <pre>Str1 = "Madurai" print(Str1*3)</pre>

24	<pre>Marks=[10, 20, 30, 40, 50] i = 0 sum = 0 while i &lt; 4:     sum+=Marks[i]     i+=1</pre> <p>Write execution table for the following Python code.</p>
25	<p>What will be the output of the following snippet?</p> <pre>Mydict={chr(x):x for x in range(97,102)} print(Mydict)</pre>
26	<p>Write a class with two private class variables and print the sum using a method.</p>
27	<p>What will be the output of the following snippet?</p> <pre>set_A = {'A', 2, 4, 'D'} set_B = {'A', 'B', 'C', 'D'} print(set_A &amp; set_B)</pre>
28	<p>Write a short note on string slicing with syntax and example.</p>
29	<p>What will be output of the following Python snippet?</p> <pre>str1="THOLKAPPIYAM" print(str1[4:]) print(str1[4::2]) print(str1[::3]) print(str1[::-3])</pre>
30	<p>What will be the output of the following Python program?</p> <pre>str1 = "welcome" str2 = "to school" str3=str1[:3]+str2[len(str2)-1:] print(str3)</pre>
31	<p>How to set the limit for recursive function? Give an example.</p>

32	<p>Write a simple python program with list of five marks and print the sum of all the marks using while loop</p>
33	<p>Write the general format of slicing operation?</p>
34	<p>Read the following details. Based on that write a python script to display records in descending order of Eno</p> <p>Database name: organization.db</p> <p>Table name: Employee</p> <p>Columns in the table: Eno, EmpName, Esal, Dept</p>

- o 0 o -

**[CLICK HERE FOR OTHER SUBJECTS](#)**

**WITH REGARDS,  
SS PRITHVI,  
PRIT-EDUCATION.**