PRE BOARD EXAMINATION SUBJECT: COMPUTER SCIENCE CLASS: XII

			(CLASS: XII				
	Tin	ne: 3 Hours		Maximun	n marks: 70			
1		TTT C C C C	SECTIO	N-A				
1.	(a)	What is the output of the expri- 4.5 b. 5 c. 4 d.				1		
	(b)	What is the output of the func						
	(-)	import math				1		
		abs(math.sqrt(25))				1		
		Error b5 c. 5 d.						
	(c)		ules which need to be imported	l to invoke the followin	ng functions: i. floor() ii. randint(1		
	(4)) Cive the output of following :	with instification					
	(d)	Give the output of following $x=3$	with Justification.					
		x=5 x+=x-x				2		
		print x						
	(e)		python after removing all synt	tax error's. Underline e	ach correction done in code.			
		For Name in[ramesh,suraj,priya]						
		If $Name[0] = s'$:						
	(f)	Print(Name).	umber n from user and print its	table		2		
	(g)	Write output of the following		, table.		2		
	(8)	a=8	iii. $score = 40$					
		while(a<0):	while score>					
		print "Gotcha!"	score = sc	ore/2-1				
		a = a - 3	print score					
		if $a == 5$: break						
		else						
		print "going out!"				3		
		i=0						
		while i<6:						
		j=0 while j <i:< td=""></i:<>						
		print "*"						
		j = j+1						
		i = i + 1						
-		print				1		
2.	(a)							
	(b) (c)	What is file pointer? Which of the following function		1				
	(0)	Which of the following functions accepts only integers as arguments?ord()b.b.min()c.chr()d.any()						
	(d)	Python supports the creation of anonymous function runtime, using a construct called						
		Lambda b. pi c. anonymous d. None of these.						
	(e)	is used to plot a line of				1		
	(f)		plot() d. title() check a number is palindrome	ornot		2		
	(I) (g)	Given below is the data of sch		or not.		2		
	(8)	Mode of transport	School Bus	Walking	Other Vehicles]		
		Number of boys	75	120	150			
		Number of girls	132	60	90]		
		Write a program to plot a bar	graph to represent the above da	ata.		2		
		Write appropriate statements	(or) to do the following:					
		Write appropriate statements to do the following: (a) To open a file named "RESULT.DAT" for output.						
		(b) To go to the end of the file at any time.						
	(h)	Write a program to count nun	nber of words in a file.					
			(or)					
		Calculate the time complexity	of the given code					
		1. for i in range(n): 2. a=i+(i+1)				2		
		3. Print(a)						
		4. for j in range(m):						
		5. b=j+(j+1)						

	(i)	6. Print(b) Write a program to display ASCII code of a character and vice versa.						
		(or)	3					
	(j)	Write a program to generate random numbers between 1 to 6 and check whether a user won a lottery or not. Write a program to perform the operation on stack in python. SECTION - B	4					
3.	(a)	offer their services to anyone in general public and maintain large centers and computing hardware.	1					
5.	(a) (b)	transmit data between two same protocol supporting LAN's.	1					
	(0) (c)	DNS stands for	1					
	(c) (d)	Define VoIP.	1					
	(u) (e)	Expand the following abbreviations:	1					
	(0)	FTP ii. TCP iii. SMTP iv. VoIP	2					
	(f)	Why we use Ipv4 and Ipv6? Also specify the difference between them.	2					
	(g)	Why we use 1974 and 1970. Also specify the difference between them.						
	(b)	Riana Medicos Centre has set up its new centre in Dubai. It has four buildings as shown	3					
		in the diagram given below:						
		SECTION - C						
4.	(a)	List the different type of constraint in DBMS.	1					
	(b)	What are the different query used in comparison in DBMS.	1					

- (b) What are the different query used in comparison in DBMS.(c) For record with ID=4 update record with last_name, user_id and salar
- (c) For record with ID=4 update record with last_name, user_id and salary.
 (d) Modify the salary and increase it by 1000, for all who get salary less than 5000.
- (e) Write an SQL statement to create a primary key constraint on the "P_Id" column of table persons, when the table is already created.

1

1

2

2

3

4

1

1

2

2

(or)

What is django? What are get and post method in django.

- (f) Write a note on SQL functions.
- (g) Write the use of the following files: -
- admin.py, apps.py, models.py, tests.py, views.py, migrations

(h)

No Title		Author	Туре	Pub	Qty	Price
1	Data structure	Lipschutz	Ds	Mcgraw	4	217
2	Computer studies	French	Fnd	Galgoria	2	75
3	Advanced pascal	Schildt	Prog	Mcgraw	4	350
4	Dbms dummies	Palmer	Dbms	Pustakm	5	130
5	Mastering c++	Gurewich	Prog	Bpb	3	295
6	Guide network	Freed	Net	Zpress	3	200
7	Mastering foxpro	Seigal	Dbms	Bpb	2	135
8	Dos guide	Norton	Os	Phi	3	175
9	Basic for beginners	Morton	Prog	Bpb	3	40
10	Mastering window	cowart	OS	Bpb	1	225
(i) Select all the prog type published by bpb.						
(ii) Display a list of all books with price more than 130 nad sorted by gty.						

SÉCTION - D

- 5. (a) In a multi national company Mr. A steals Mr. B's intellectual work and representing it as A's own work without citing the source of information, which kind of act this activity be termed as?
 - (b) Give any two examples of Digital Property.
 - (c) Expand the following terms: OSS, FSF, OSI, W3C.
 - (d) Differentiate between Public Domain Software and Proprietary Software with example.

(e) (f)

What is cyber law and IT Act? How a user of cyber world can safe personal information online?