CLASS - XI (CBSE)

	MCQ EXAMINA	ATION:	2020-21	ABWARTS - 21/0		
Cano	didate's Name in CAPITAL letters			Sec.		
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Bran	ch	面图 2				
	Control of the second s		100 New Year Services			
	AND THE SERVICE OF THE PARTY OF		9420 6 9			
Roll I	No. : Candidate's Signature		Invigilator's Signature	petal of		
TIM	E : 2 Hrs.	Date:		M.M.: 100		
INS	STRUCTIONS FOR OMR SHEET:-		and attack of the second	PENSENGERS, AND A		
1.	Attempt ALL the questions:		arts are periods. It	HOME TO		
	Use only black or blue (ball pen) for da	rkening/w	vriting in appropriat	e oval/box.		
3.	While darkening the oval/box it is to	o be ensur	ed that these are da	rkened		
3.	completely.			0 - 4 7 9 7 7		
4.	OMR sheet shall not be folded or tam	pered in a	ny way.	There says not		
5.	Over writing/erasing/dual data/use	e of correc	tion fluid will rend	er OMR		
	sheet invalid.		consequences	THE STATE OF		
	THE THE PARTY OF T	1	Paralle and The second	Salar Salar		
	Subject : COM	IPUTER :	SCIENCE	of they stated -4%		
Q.1-	Python programs/scripts are stored	Q.7-	Which of the followi	ng is an escape		
Q.1-	in files with extension.		sequence for a newli			
	apt bpy			o. \aalaa da		
	cpyt d. None of these		c. At and he			
2.2-	Python code can run on a variety of	Q.8-	Which of the follow			
~-	platforms. It means python is a		print the output to t			
	language.			o. print()		
	a. good platform	00		d. None of these		
	b. cross platform	Q.9-	Which function is used to get ASCII value of a character?			
	c. super platform	N. C.	网络拉斯斯斯尼亚斯马克尔克尔克斯马克伊斯斯 尔马斯斯马尔克斯尔	b. ascii()		
	d. dual platform			d. none of these		
2.3-	Who developed Python language?	0.10-	Value 615000.0 is ed			
	a. Dennis Ritchie	Q.10	a. 615E3			
	b. Guido Van Rossum			d. none of these		
	c. Carl Hooper	0.11-	Which of the follow	ing is not an		
	d. None of these		immutable type in python?			
Q.4-	Data items having fixed values are		a. string	b. tuple		
	called		c. List			
	a. Identifiers b. Puncuators	Q.12-	What is the value o	f the expression		
	c. Literals d. Keywords		100 % 30 ** 2?	STATISTICS IN		
2.5-	Escape sequences are treated as			b. 6.66		
	a. Strings b. Characters		■ C. S. C. S. C.	d. None of these		
	c. Integers d. None of these	Q.13-	What is the output	of the following?		
2.6-	Which of the following can be used		a, b, $c = 10, 20, 30$			
	to create comments?		$d = a - b \cdot c/b$			
	a. # b. // d. None of these		print(d)	h 120		
	d. None of these			b20		
			c10	d. None of these		

Q.14-	What is the value	of the expression	ME ON U	a=a+1	entition and	
	10 or 0?	The Call of the Ca	Jan	print(a)		
	a. True	b. False			b. 12	
	c. 0	d. None of these		c. 10	d. None of these	
Q.15-	What will be the v	alue of the	0.24-	Function range(3)	is equivalent to	
	followin gexpression?			EAST TO MORE THAT	andidate's Numerin	
	not (1 == 1 and 0 !=	= 1)?			b. range(1,3)	
	a. True	b. False		c. range(3, 0)	d. None of these	
	c. 0	d. None of these	Q.25-			
Q.16-	What is the value		Q.25-	looping statement		
	>>>bool(8) and bo				b. if-else	
	a. 8				d. None of these	
	c. False	d. None of these	0.26-	Which of the follo		
Q.17-	median() function	is stored in which	Q.20-	controlled loop in		
	python module?	- otagi		a. do-while		
	a. random	b. statistics			d. None of these	
	c. math	d, none of these	0.27-	The break and cor		
Q.18-	What will be outp	at of the following	Q.27		statements.	
	python code?	ordens a mark Emiles				
	a = 5 - 4 - 3	assatism haureless	等 計算	a. jump c. nest		
	b =3 ** 2 ** 3		0.28			
	print(a, end = "*")	creddin any way.		'Computer' printe		
	print(b)	livinally ofpense to	uau ka			
	a2 * 6561			s = "Computer	Science"	
	c2 * 18		10.01	forch in s[3:8]:	Science	
2.19-	What will be the or	atput of the		print('Computer')	THE PARTY OF THE P	
	following?	fed to day with 15,500	B. B.	CONTRACTOR	b. 5 times	
	print(True or False	and not (False))		c. 3 times		
	a. False		0.29-	A loop may conta		
	c. not	d. None of these			m of loop is called	
Q.20-	The data typ	e allows only		loon	Barrier Des Lixa	
	True/False values	100 100 100 100 100 100 100 100 100 100			b. double	
	a. integer	b. boolean		c. nested		
	c. float	d. none of these	0.30-	What will be the o		
Q.21-	What is the output	t of the following?		following python code?		
	for i in range(20, 1,	. –2):		x = "abcba"		
	if i >= 10:	A Marie La Company		i = -1 rel mort of t		
	print(i)	island and all of		for i in range(len(x)//2):		
	a. 20 18 16 14			print(x[i], "#",x[j])		
	b. 12 14 16 18	20		j=j-1	supply mad is a fill	
	c. 2 4 6 8 10	nother department of AD		a. a # a	b. a # b	
	d. None of these	art aktivitette "		c. a # b	d. none of these	
Q.22-	What is the output	of the following?	0.31-	What is the index		
	for i in range (65, 70			character of a strin		
	print(chr(i), end = '			a. 0	b. 1	
	a. 65 # 67 # 69 #			c. 100	d. None of these	
	b. A # B # C #		Q.32-	This string functio		
	c. A # C # E #	manufacture of the second		the string with it's		
	d. None of these			capitalized.	The second second	
0.23-	What is the output	of the following?		a. upper()	b. title()	
2.20	a = 0	HAN TOTAL CONTRACTOR		c. lower()	d. none of these	
	fori in range(4,8):		1			
	if i%2 == 0:	The state of the s				
-						

Q.34-	Which of the following is/are illegal Python string operation? a. 'abc'+'abc' b. 'abc' * 3 c. 'abc' + 3 d. None of these Which of the following function will return a list containing all the words of the given string? a. split() b. index() c. count() d. None of these What would the following expression return when executed in Python shell? >>> "Hello World".find("Wor",1,6)	Q.41- What is the full form of CPU? a. Computer Processing Unit b. Computer Principle Unit c. Central Processing Unit d. None of these Q.42- Which of the following is not a characteristic of a computer? a. Versatility b. Accuracy c. I.Q. d. None of these Q.43- Which of the following is the smallest unit of data in a computer? a. Bit b. KB c. Byte d. None of these Q.44- Which of the following is not a type			
	a. True b. 6 c1 d. None of these	of computer code? a. EDIC b. ASCII c. BCD d. None of these			
	der the following code and answer the	Q.45- Which of the following is designed			
questions from question (36 to 40):		to control the operations of a			
	TOW . S. MOR.	computer?			
	inputstr = input("Give me a string:")	a. User			
	bigint = 0	b. Application Software			
	littleint = 0	c. System Software			
	otherint = 0	d. None of these			
	forele in inputstr:	Q.46- Which unit is responsible for			
Report 1	ifele> = 'a'andele <= 'm': #Line1	converting the data received from the			
	littleint = littleint+1 com word 200	user into a computer understandable			
Fuotes	elifele>'m'andele<='z':	format?			
	bigint = bigint+1	a.' Memory Unit			
	else:	b. Arithmetic & Logic Unit			
Seed 1	otherint = otherint+1	Input Unit			
ve tur	print(bigint) #Line2	d. None of these			
to his	print(littleint) #Line3	Q.47- The only language which the			
	print(otherint) #Line4	computer understands is			
	print(inputstr.isdigit()) #Line5	a. Assembly Language			
Q.36-	Given the value of inputstr "abcd"	b. Binary Language			
	what output is produced by line 2?	c. BASIC annesettes yastal? - Pa.O			
	a. 0 b. 1	d. None of these			
	c. 4 d. None of these	Q.48- 1 yottabyte =			
Q.37-	Given the input "Hi Mom" what	a. 1024 TB 011100 b. 1024 EB			
	output is produced by line 3?	c. 1024 ZB OFFICE d. None of these			
	a. 0 b. 2	Q.49 is the raw material used as			
	c. 3 d. None of these	input and is the processed data			
Q.38-	Given the input "Hi Mom" what	obtained as output of data processing.			
	output is produced by line 4?	a. Data, Instructions			
	a. 0 b. 2 c. 3 d. None of these	b. Instructions, Program			
	c. 3 d. None of these	c. Data, Program			
Q.39-	Given the input " $1 + 2 = 3$ " what	d. None of these			
5年	output is produced by line 5?	Q.50- A computer program that translates			
	a. True b. False	one statement of program instructions			
	c1 d. None of these	at a time into machine language is			
Q.40-	Given the input $"1 + 2 = 3"$ what	called			
	output is produced by line 2?	a. CPU b. Interpreter			
	a. 0 b. 3	c. Compiler d. Simulator			
	c. 5 d. None of these	[Page 3 of 6]			

Q.5		s are there in binary	Q.63-	De Morgan's	theore	m states th	at
	number system?			a. (A.B.' = A	A'+B'		
	a. One			b. (A+B.'=	A'.B'		
		d. None of these		c. Both (a)	and (b)	
Q.52	2- Decimal number	is repeatedly		d. None of	these		to on one
	divided by	to obtain its	Q.64-	Electronic circuits that operate on one or more input signals to produce			te on one
	equivalent hexad	lecimal number.		or more inp	ut sign	nais to pr	oauce
	a. 2	b. 10		standard ou	itput_		
	c. 8	d. None of these		a Logic si	onals		
Q.53	3- In hexadecimal s			b. Logic ga	ates	Lucio (Carlo)	
		git is represented as		c. Series C	ircuits	policy general	
	a group of			d. None of	these		
			0.65	- A gate gives the output as 1			ut as 1
	a. 3	b. 4 d. None of these	Q.63-	only if all th	o inn	ut signals	are 1.
0.54				a. AND	ie mp	b OR	
Q.54	- Octal equivalent	or decimal number		a. AND c. NAND		d Mon	o of these
	122 is			c. NAND	Wales to	d. Non	e of these
	a. 172	a. 172 b. 173		The gate which is used to reverse the			
		d. None of these		output obta	ained i	is	
Q.55	Which is the Mos			a. NOR c. NAND	in reserve	b. NO	6.1
	Bit(MSB) in 01010						
	a. 0	b. 1	Q.67-	The univer			
	c. Both (a) & (b)	d. None of these		to impleme			
2.56-	Equivalent binary			expression	is		
	number 0.25 is	- tomate tarion		a. NOR		b. EXC	OR
	a. 0.11			expression a. NOR c. OR		d. No	ne of these
	c. 0.01		Q.68-	How many	AND	gates are	required
57-	To convert binary			to realize t	SOUTH OF THE PARTY AND THE PARTY AND	AND ADDRESS OF THE PARTY OF THE	AND RESIDENCE AND ADDRESS OF THE PARTY OF TH
	to octal number w			Y = AB + B		THE PARTY	
				a. 4		b. 2	
	groups from			c. 1	and the state of	d Nor	ne of these
	a. Right to left		0.60				
	c. Either way	d. None of these	Q.69-	What logic		CHEST SECRETARIAN STORY OF THE PARTY.	ENGLANDED STATE OF THE STATE OF
2.58-	Decimal number e	quivalent to binary	****	adding an		er to the c	output of
	number 1110101 i	s		an AND ga			
	a. 117	b. 165		a. NAND		b. NO	
		d. 175		c. XOR			ne of these
2.59-	Binary representa		Q.70-	Which type	e of log	gic is follo	wing table
2.39-				showing?			
	hexadecimal num	ber 98E is	Short)	30,60000000			
	a. 100110001111			A	B (Output	4D - 78.0
	b. 100110001110			0 0	0	0	
	c. 100110101110			CONTROL OF THE PARTY OF THE PAR		SOUTH OF STREET	
	d. None of these	BUT BULLIAND TO BUSE	nents	0.	1	1	
60-	Octal representati	on of the		1	0	-1	An Care
	hexadecimal num			10100	1200	0	
				1. 1.		U	
	a. 5175	b. 5174		a. AND		b. OR	
	c. 5173	d. None of these		c. EXOR			
2.61-	According to Boolean law: A + 1 = ?		0.71			d. No	ne of thes
	a. 1	b. A	Q./1-	The operat	ion re	presented	d by a
	c. 0	d. None of these		parallelogr	am in	flowchar	t is
2.62-	(A')' = ?	ALL STREET, ST	chests	a. Input/0	Outpu	ıt	
100	a. 1	ъ. 0		b. Assigni			
		d. None of these		c. Compa			7447
	c. A	d. I tolle of these		d. None o	f those	THE PERSON NAMED IN	THO
				TOTIC O	tites		
	THE RESERVE THE PARTY OF THE PA		THE RESERVE OF THE PERSON NAMED IN	AND DESCRIPTION OF THE PARTY OF			

Q.72- Part of algorithm which is repeated Q.81- List can contain values of these types: for the fixed number of times is a. integers b. floats classified as _____. d. tuples Q.82- Which of the following will create an a. Iteration b. Selection empty list? c. Sequence d. None of these a. L = [1] Q.73- A ____ is a directed graph that b. L = list(0)describes the flow of execution c. L = list()control of the program. d. L = List(empty.)a. Flowchart b. Algorithm Q.83- Which of the following will return the c. Psuedocode d. None of these last element of a list L with 5 Q.74- An algorithm is a _____ set of precise elements? instructions for performing a. L[5] b. L[4] computation. c. L[-2] d. L[6] a. Infinite b. Finite Q.84- If L = [1, 2] then L * 2 will yield c. Constant d. None of these a. [1,2] * 2 b. [1, 2, 2] Q.75- Which of the following is incorrect? c: [1, 1, 2, 2] d. [1, 2, 1, 2] Algorithms can be represented as Q.85- If L1 = [1, 3, 5] and L2 = [2, 4, 6] then a. Pseudo codes b. Syntax L1 + L2 will yield c. Programs d. None of these a. [1, 2, 3, 4, 5, 6] Q.76- Following is the truth table of a three b. [1, 3, 5, 2, 4, 6] input logic gate. What values to be c. [3, 7, 11] filled in place of ?1? and ?2? d. [1, 3, 5, [2, 4, 6]] O.86- Given a list L = [10, 20, 30, 40, 50, 60, Output ·B 70], what would L[1:4] return? 0 0 0 0 a. [10, 20, 30, 40] 1 . 0 1 0 b. [20, 30, 40, 50] . 1 0 1 0 c. [20, 30, 40] 1 0 ?1? 0 d. [30, 40, 50] 0 0 0 1 O.87- Given a list L = [10, 20, 30, 40, 50, 60, 1 1 ?2? 0 70], what would L[2:-2] return? 1 0 1 1 a. [10, 20, 30, 40] 1 1 1 b. [20, 30, 40, 50] c. [20, 30, 40] b. 0 and 1 a. 1 and 1 d. [30, 40, 50] d. None of these c. 1 and 0 Q.88- Given a list L = [10, 20, 30, 40, 50, 60, Q.77- Out of the following which property 70], what would L[-4 -: 1] return? algorithms does not have? a. [20, 30, 40] b. Finiteness a. Input b. [30, 40, 50] d. None of these c. Constancy c. [40, 50, 60] Q.78- Keep the statement language _ d. [50, 60, 70] while writing a pseudo code. Q.89- Given a list L = [10, 20, 30, 40, 50, 60, a. Dependent b. Independent 70], what would L[-3:99] return? c. Case Sensitive d. None of these a. [20, 30, 40] Q.79- In problem solving life cycle which b. [30, 40, 50] is endless phase? c. [40, 50, 60] b. Coding a. Design d. [50, 60, 70] c. Maintenance d. None of these Q.90- To find the last element of list namely Q.80- Which of the following helps in 'smiles' in Python, ____ will be used. updating of software? a. smiles[0]

a. Documentation

c. Both (a) and (b)

d. None of these

b. Flowchart

b. smiles[-1]

c. smiles[lpos]

d. smiles[:-1]

Q.91- Which of the following creates a tuple? a. tuple1 = ("a", "b") b. tuple1[2] = ("a","b") c. tuple1 = (5) * 2 d. None of these Q.92- Choose the correct option with respect to Python. a. Both tuples and lists are b. Tuples are immutable while lists are mutable. c. . Both tuples and lists are mutable. d. Tuples are mutable while lists are immutable. Q.93- Choose the correct option. a. In Python, a tuple can contain only integers as its elements. b. In Python, a tuple can contain only strings as its elements. In Python, a tuple can contain both integers and strings as its elements. d. In Python, a tuple can contain either string or integer but not both at a time. Q.94- What will be the output of below Python code? tuple1 = (5, 1, 7, 6, 2)tuple1.pop(2) print(tuple1) a. (5, 1, 6, 2) b. (5, 1, 7, 6) a mas oci ... c. (5, 1, 7, 6, 2) d. Error Mondo Ok h Q.95- What will be the output of below Python code? tuple1 = (2, 4, 3) tuple3 = tuple1 * 2 print(tuple3) to the last to a. (4, 8, 6) b. (2,4,3,2,4,3) c. (2, 2, 4, 4, 3, 3) d. Error . 100 00 00 .5 Q.96- Which of the following method will add a key to the dictionary if it does not already exist in the dictionary? a. insert() and another 400 b. fromkeys() c. update() Maslime .s d. setdefault() leoghadiani a

d. smilester it

Q.97- Which of the method is used to create a new dictionary from a sequence with all the keys and a common value? ... someth a a. 1 insert() b. fromkeys() c. update() d. setdefault() Q.98- Which of the following is method removes and returns a key : value pair that follows LIFO order? a. pop() d. b. remove() c, popitem() d. delete() Q.99- Which of the following copy option copies the upper layer whereas the inner referenced object is not copied? a. Shallow copy townsb. Deep Copy is a daid 4 37.0 c. Key copy d. Partial copy obose'l .s Q.100-What is the output of this code: d = {'Ind': 'ViratKohli', 'MS Dhoni': 'Ind', 'NZ': 'Kane Williamson'); print(d['Ind']) socia al fielia a. Virat Kohli b. MS Dhoni c. Ind d. All of these ##### I bon I .s . . Obnot n. d. None of those Q77- Out of the following which property algorithms does not have? Simplific . . I marrie & d. None of these

Q 78- Keep the statement language

. volitile writing a pseudo code.

(270) in problem solving life evene which

is sections phase?

Potewitoe to griftshou

a. Documentainur

c. Both (a) and (b)

b. Howeltart

d Descrident b independent

or Este Straine d Note of Tues

ch Maintenance d. None of chase

Which of the fallowing Inclast to

d. None of these