Enrollment No: Exam Seat No:							
	C.U.SHAH UNIVERSITY						
	Winter Examination-2018						
Subject Name: Introduction to Computer Technology Subject Code: 2TE01ICT2 Branch: Diploma (All) Semester: 1 Date: 07/12/2018 Time: 02:30 To 05:30 Marks: 70							
Instruction	ons:						
(1) U (2) I (3) I	Use of Programmable calculator & any other electronic instrument is prohibited. Instructions written on main answer book are strictly to be obeyed. Draw neat diagrams and figures (if necessary) at right places.  Assume suitable data if needed.	_					
	Attempt the following questions:	(14)					
<b>a</b> )	Which one the following are characteristics of computer?						
<b>b</b> )	a) Speed b) Accuracy c) Versatility d) All of above. Who is known as father of computer?						
~)	a) Charles Babbage b) Baron Gottfried c) Blaise pascal d) Herman						
c)	The basic computer organization contains how many units?						
4)	a) 1 b) 2 c) 3 d) 4 Which one the following stores stores the data permanently?						
d)	Which one the following storage stores the data permanently?  a) Primary Storage b) Secondary Storage c) a) & b) both d) None of above.						
e)	Give full form of SMPS.						
	a) Switched Mode Power Supply b) Switched Mode Power System						
<b>C</b>	c) Serial Mode Power Supply d) Serial Machine Power Supply						
f)	The storage capacity of DVD is a) 700 MB b) 700 GB c) 4.7 MB d) 4.7 GB						
g)	ALT, SHIFT, CTRL keys are known as?						
8,	a) Alphabetic keys b) Special Purpose keys c) Modifier keys d) Function keys						
h)	What is the full form of LCD.						
	a) Light clear Display b) Liquid Crystal Display c) Liquid Clear Display d) Learn Clear Display						
i)	c) Liquid Clear Display d) Laser Clean Display Which one the following receive the information sent by client and give response.						
-)	a) Server b) Client c) Browser d) All of above.						
j)	http://www.google.com which indicate the Internet protocol?						
	a) www b) google c) http d) .com						
k)	To make a moving banner which one the following HTML tag is used?  a) <marquee> b) <body> c) <move> d) <body></body></move></body></marquee>						
1)	a) <marquee> b) <body> c) <move> d) <banner> First computer virus were found in</banner></move></body></marquee>						
-,	a) 1970 b) 1980 c) 1960 d) 1990.						
m)	What is the meaning of following symbol in flowchart?						

Q-1



c) Process

b) Decision

Step by Step solution of problem is known as......

b) Flowchart

a) Input/output

a) Algorithm

n)

d) Start/ Stop

c) Problem analysis d) Problem definition

## Attempt any four questions from Q-2 to Q-8.

Q-2		Attempt all questions	(14)
	(a)	Give Definition of Computer. Explain advantage and disadvantage of Computer.	<b>(07)</b>
	<b>(b)</b>	What is the function of ROM? List types of ROM and explain its Types.	(07)
Q-3		Attempt all questions	(14)
	(a)	Give comparison between generations of Computer.	(04)
	<b>(b)</b>	CPU Contains how many parts? Explain the working of its parts in short.	(03)
	(c)	What do you mean by input device? List types of Input device and explain any two.	(07)
Q-4		Attempt all questions	(14)
•	(a)	Write a note on component of Email.	(07)
	<b>(b)</b>	Explain Hard disk organization with proper diagram.	(07)
Q-5		Attempt all questions	(14)
	(a)	If virus enter in the system then how we can detect the virus?	(05)
	<b>(b)</b>	How the internet works? Explain the advantage of internet.	(05)
	(c)	Write difference between Hardware and software.	(04)
Q-6		Attempt all questions	(14)
	(a)	Explain the structure of HTML with example.	<b>(07)</b>
	<b>(b)</b>	Write an algorithm to find area of circle.	(07)
Q-7		Attempt all questions	(14)
	(a)	Draw a flowchart for finding maximum number out of two numbers.	<b>(07)</b>
	<b>(b)</b>	List problem solving technique. Explain any two.	(07)
Q-8		Attempt all questions	(14)
	(a)	Write html program to show use of ordered list and unordered list.	<b>(07)</b>
	<b>(b)</b>	Answer the following questions.	<b>(07)</b>
		1) What is output device?	
		2) What is difference between EPROM and EEPROM?	
		3) What is virus?	
		4) What is the work of SMPS?	
		5) Define Flowchart.	
		6) Give name of types of monitors.	
		7) Draw any 2 symbols used for drawing flowchart.	



Q-1	a)	Attempt the following questions: નીચેના પૈકી કથી કોમ્પ્યુટર ની characteristics છે?	(14)
		a) Speed b) Accuracy c) Versatility d) ઉપર ના બધા.	
	b)	કોણ કોમ્પ્યુટર ના પિતા તરીકે ઓળખાય છે?	
		a) Charles Babbage b) Baron Gottfried c) Blaise pascal d) Herman	
	<b>c</b> )	basic computer organization ના કેટલા પ્રકાર છે?	
		a) 1 b) 2 c) 3 d) 4	
	d)	નીચેના પૈકી કયો ડેટા નો કાયમી સંગ્રહ કરે છે?	
		a) Primary Storage b) Secondary Storage c) a) & b) બંને d) એક પણ નર્હિ .	
	e)	પૂરું નામ લખો SMPS.	
		a) Switched Mode Power Supply b) Switched Mode Power System	
	f)	c) Serial Mode Power Supply d) Serial Machine Power Supply	
	-)	DVD ની સ્ટોરેજ કેપેસીટીછે. a) 700 MB b) 700 GB c) 4.7 MB d) 4.7 GB	
	g)	a) 700 MB b) 700 GB c) 4.7 MB d) 4.7 GB ALT , SHIFT, CTRL keys ને કથી કી તરીકે ઓળખાય છે?	
	O.	a) Alphabetic keys  b) Special Purpose keys	
		c) Modifier keys  d) Function keys	
	h)	LCD નું પૂરું નામ શું છે?	
		a) Light clear Display b) Liquid Crystal Display d) Liquid Crystal Display	
	i)	c) Liquid Clear Display d) Laser Clean Display ક્લાયન્ટએ સેન્ડ કરેલી ઇન્ફોર્મેશન નીચેના પૈકી કોણ રીસીવ કરે છે અને રિસ્પોન્સ	
	,	•	
		આપે છે. a) Server b) Client c) Browser d) All of above.	
	<b>j</b> )	http://www.google.com માં કયું ઇંટરનેટ પ્રોટોકોલ છે?	
		a) www b) google c) http d) .com	
	k)	બેનર ને મુવ કરવા માટે કયા HTML tag નો ઉપયોગ થાય છે?	
		a) <marquee> b) <body> c) <move> d) <banner></banner></move></body></marquee>	
	l)	સૌથી પેહલા ઈંટરનેટ વાયરસ ક્યારે શોધાયો હતો?	
		a) 1970 b) 1980 c) 1960 d) 1990.	
	m)	Flowchart માં નીચેના symbol નો મતલબ શું થાય છે?	
		a) Input/output b) Decision c) Process d) Start/ Stop	
	n)	કોઈ પ્રોબ્લેમ નું સ્ટેપ બાય સ્ટેપ સોલ્યુશન કયું છે?	
		a) Algorithm b) Flowchart c) Problem analysis d) Problem definition	
<b>A</b> 44 : 4			
Q-2	any f	our questions from Q-2 to Q-8. Attempt all questions	(14)
		<del>-</del>	



	<b>(a)</b>	કોમ્પુટર ની વ્યાખ્યા લખો.કોમ્પુટર ના ફાયદા અને ગેરફાયદા લખો.	(07)
	<b>(b)</b>	ROM નું ફકશન લખો. ROM ના પ્રકાર લખી તેને સમજાવો.	(07)
Q-3		Attempt all questions	(14)
	(a)	તફાવત લખો. Generations of Computer.	(04)
	<b>(b)</b>	CPU ને કેટલા પાર્ટ્સ હોય છે? તેને ટુક માં સમજાવો.	(03)
	(c)	Input device એટલે શું ? Input device ના પ્રકાર લખી કોઈ પણ ર સમજાવો.	(07)
Q-4	(.)	Attempt all questions	(14)
	(a)	Email ના કોમ્પોનન્ટ વિષે નોંધ લખો.	(07)
	<b>(b)</b>	Hard disk organization ડાયાગ્રામ સાથે સમજાવો.	(07)
Q-5	(a)	Attempt all questions	(14) (05)
	(a)	જો સિસ્ટમ માં વાયરસ આવે તો તેને કેવી રીતે detect કરી શકાય?	(05)
	<b>(b)</b>	Internet કેવી રીતે કામ કરે છે ? ઈંટરનેટ ના ફાયદા સમજાવો.	(05)
	(c)	તફાવત લખો.Hardware અને software.	(04)
Q-6		Attempt all questions	(14)
	(a)	HTML નું સ્ટ્રક્યર ઉદાહરણ સાથે સમજાવો.	(07)
	<b>(b)</b>	Circle નો એરિયા શોધવા માટેનો અલગોરિધમ લખો.	(07)
Q-7	( )	Attempt all questions	(14)
	(a)	Flowchart દોરો ૨ નંબરમાંથી મોટો નંબર શોધવા માટેનો.	(07)
	<b>(b)</b>	Problem solving technique. ના પ્રકાર લખો. તેમાંથી કોઈ પણ ર સમજાવો.	(07)
Q-8	(-)	Attempt all questions	(14)
	(a)	Html program લખો. ordered list and unordered list માટે	(07)
	<b>(b)</b>	નીચેના પ્રશ્નોના જવાબ લખો.	(07)
		1) Output device એટલે શું?	
		2) EPROM and EEPROM વચ્ચેનો તજ્ઞવત લખો.?	
		3) Virus શું છે?	
		4) SMPS નું કામ શું છે?	
		5) વ્યાખ્યા લખો Flowchart.	
		6) Monitor ના પ્રકાર ના નામ લખો.	
		7) Flowchart દોરવા માટેના ક્રોઈ પણ ૨ symbol લખો.	

