Rol	l No.	[1] 이렇게 되는데 얼마 이 시간 이 집에 다른데 하다면 하는데 되었다. 그는데 나는데 나는데 나는데 나는데 나는데 나는데 나는데 하는데 하는데 하는데 하는데 나를 모든데 나를 했다.				
		Paper Code: TCS 10)1			
		END Semester Back Examination 2018				
		(Course- B.Tech) Semester I (All Branches) Paper Name – FUNDAMENTALS OF COMPUTER				
		INTRODUCTION TO C PROGRAMMING				
Time	: Thre	e Hours				
Note		MM:100				
i) ii)	This	his question paper contains five questions with alternative choice.				
iii)	Eag	ach question carries three parts a , b , c . Attempt any two of each question.				
iv)		Each part carries ten marks. Total marks are assigned to each question are twenty.				
v)	If an	any misprinting occurs in the paper, do not ask the invigilators. Make appropriate assumption from our side.				
21.	(a)	Explain why do you need a programming language? Explain different types of program languages. What are the various characteristics of C programming language?	nming [10]			
	(b)	What is the difference between algorithms and flow-charts. Explain various flow symbols and their task.	v-chart [10]			
	(c)	Write a C program to find the minimum number among the three numbers.	[10]			
2.	(a)	Explain 5 input and output devices in detail.	[10]			
	(b),	Explain the essential parts of a computer system. Explain the various sequence of occurs in processing the data.	events [10]			
	(c)	Write a C program to enter principal amount, rate and time and find the simple interest compound interest.	t and [10]			
3.	(a)	Differentiate the following with the help of examples: 1. Precedence and associativity.	[5 + 5]			
	(b)	Automatic and explicit typecasting. Draw the flow charts for the following problems: LCM of two numbers. On the form a given number is polindrome or not.	[5+5]			
	(c)	 Check for a given number is palindrome or not. Explain the following: 	[5+5]			
		1. Hard Disk				
		2. Network Topologies				
١.	(a)	Write a C program to check whether the given number is an Armstrong number or no				
	(b)	What is an operating system? Why is it required for a computing device like no computer? Explain different types of operating systems and services provided by construction system to the users.	nobile or operating [10]			
	(c)	Write a C program to input five subject marks and calculate aggregate of marks and percentage of marks and print the grade according to following conditions-	C10]			

if per>80 print A if per>70 print B if per>60 print C otherwise fail

Q5.	(a) ·	Write a C program to find and print the factorials of all odd numbers from	1 to N where N is a
		positive integer and entered by user.	[10]

(b) Write a short note on the following? 1.Formatted input/output. 2.For Loop

[5+5]

Answer the following questions in brief. (c)

[1 x 10]

- Name any three system softwares.
 What is the fundamental task of a compiler?
 Write the format specifier for the datatype double?
- 4. Evaluate the expression 13*3%7<<4 2.
- 5. What is digitization process?
- 6. Define string constants?
- 7. What do you mean by modifier keys?
- 8. Examples of qualifers.
- 9. Why machine code is non-portable?
- 10. What is the full form of UPS?