	G		ngineering College, Ludhia t of Applied Sciences	18		
Prog	ram	B. Tech. 1st Year	Semester	II		
Subject Code		ESC-104	Subject Title	Programming for Problem Solving		
Mid Semester Exam (MSE) No.		1	Course Coordinator(s)	Ranjodh Kaur, Siddharth Jain, Gagneet Kaur, Kapil Sharma, Jaswant Singh, Sita Rani, Kuljit Kaur I hour 30 minutes		apn
_	. Marks of MSE	24 15 th February,	Time Duration Roll Number	1 hour 30 mi	inutes	
Voto	: Attempt all questions. Al	2024	he clearly stated			
Q.	Attempt an questions. At	Ques			COs, RBT level	MM
Q1	Differentiate between se	matic and logical e	errors with the help of exampl	e(s).	COI, L2	2
Q2	What will be the output int main () { int i=3,j=3; for(i=3;i<=5;i++) { if(i==4 && j==4) { printf("I am appl continue;	for the following c			CO4, L3	2
)3	Briefly illustrate the process of compilation and linking in C language with the help				CO2, L2	4
14	of diagram. Given a number N. Write a program to find sum of the digits in the number N. (For example N is 231, answer will be 6. Value of N should be read through the keyboard				CO4, L3	4
5	and case must be processed if N is positive integer only). Compare and contrast various loops.				CO4, L4	4
6	positive numbers • If '2' is entered, u	ser-defined functions	on 'mur must be able to file ed function on 'swap' must be able to sy		CO6, L6	8