Guru Nanak Dev Engineering College, Ludhiana				
Department of Information Technology				
Program	B.Tech.(IT)		**Semester**	2
Subject Code	ESC-104		**Subject Title**	PPS
Mid Semester Test (MST) No.	2		**Course Coordinator(s)**	Ranjodh Kaur
Max. Marks	24		**Time Duration**	1 hour 30 minutes
Date of MST	Nov, 2019		**Roll Number**	

Note: Attempt all questions

Q. No.	Question	COs, RBT level	Marks
Q1	If the if statement do not have associated else, then what happens if the expression evaluates to zero value?	CO5, L1	2
Q2	Where the break statement is used, and what is its function?	CO5, L5	2
Q3	Write a program to display the factorial of a number using do while.	CO5, L3	4
Q4	Is any thing wrong in following declaration? Explain. Int a[3][]={{1,2,3},{3,2,1},{4,5,2}};	CO5, L6	4

Q5	What is wrong in following, if any? Explain.
	struct time{
	int hrs=10;
	int mts=20;
	int secs=35;
	}t1,t2,t3;
		CO5, L2	4

Q6	What is a pointer variable? What is **ptr?, Give any example of **ptr. Write a program to swap a number using pointer.	CO5, L6	8

Course Outcomes (CO)
Students will be able to

1	Identify and analyze the advantage, limitations, and applications of computer system.
2	Apply the knowledge of word processor, spreadsheet and presentation software for office applications.
3	Design and develop program framework using Program Design Tools like algorithms, flowchart and pseudocode
4	Apply the syntax of Procedure oriented language for solving problems.
5	Make use of core concepts like arrays and strings, functions, structures and union and pointers for developing programs in procedure oriented language.
6	Understand the life-long learning concepts of programming language.

RBT Classification	Lower Order Thinking Levels (LOTS)			Higher Order Thinking Levels (HOTS)		
RBT Level Number	L1	L2	L3	L4	L5	L6
RBT Level Name	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating