MARWADI UNIVERSITY, FACULTY OF COMPUTER APPLICATIONS

Strategic Coaching

Branch/ Semester	Master of Computer Application
Subject Code:	05MC0101
Subject Name:	DATA STRUCTURE USING C
Faculty Members:	Dr. Sunil Bajeja
	Prof. Jitesh Solanki
	Prof. Abhishek Chauhan
Work Allocation:	**Based on Marks below**
Set-1	0-12
Set-2	13-18
Set-3	19-30

Note:Before Uploading in Student Subject Performance Module

1. **Remember to write your Full DIGIT Enrolment number on top of every page.**
2. Consider above question in brief explanation only.
3. Length and Quality of answers will be considered as proper answer.
4. Short answers will be rejected.
5. It must be done in **Student Subject Performance Module** only.
6. It should be completed in the given period of Date and Time only.

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Sr.no	Questions
Set : 1	
1	Write an algorithm of push and pop operation of stack.
2	Describe recursion with example.
3	Write an algorithm of insert and delete operation of simple queue.
Set :2	
1	Convert infix (A+B/C*(D+E)-F) to postfix using stack.
2	Write an algorithm of insert and delete operation of circular queue.
3	Discuss double ended queue and priority queue.
Set : 3	
1	Write a program to find out factorial of number using stack.
2	Write a program to print string in reverse order using stack.