Day: Wednesday		Time: 02.00 PM TO 05.00 PM
Date: 08/05/2019	**S-2019-5289**	Max Marks: 100

N.B.:
1) Answer **ANY FIVE** questions.
2) Figure of the right indicates **FULL** marks.

Q.1 Draw flowchart and write a C program to calculate sum of numbers in an array of size n. **(20)**

Q.2 Explain Memory Management policies in Unix. **(20)**

Q.3 Explain stack as an ADT with push and POP operations. **(20)**

Q.4 What is concurrent transaction? Discuss problems of concurrent transactions.

Q.5 Write a recursive algorithm for base conversion i.e. binary to decimal or from decimal to binary. **(20)**

Q.6 Write a note on Distributed file systems. **(20)**

Q.7 Explain any two communication protocols in network. **(20)**

Q.8 What is SRS? Explain its format in brief. **(20)**

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