KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Academic Year 2020-21)
ASSIGNMENT 2

SUB: COMPUTER ORGANIZATION   SUB. CODE:18CS35

SEM : III   DIV: C   DATE: 04/12/2020   MAX MARKS: 10

1.	Compare and Contrast Booth's algorithm i. 28 X -4 ii. -32X -4	M-5 L - 3 CO -4 PO - 2
2.	Assume Main Memory Capacity is to store 8192 blocks and each block consist of 16 words. Also assume that cache memory consists of 256 blocks of 16 words each. Apply Direct and Associative mapping methods to map the blocks from main memory into cache memory.	M-5 L -3 CO -3 PO -2