

# Internal Question Paper with CO and BTL



S. No.	Question	Blooms Taxonomy Level	Program Outcomes	Course Outcome
UNIT – I				
1.	Distinguish between value parameters, reference parameters, parameter passing?	Knowledge	1	CO.1
2.	Write about Data objects and Structures, data abstraction?	Understand	3	CO <sub>2</sub>
3.	Write about Stack?	Understand	2	CO <sub>1</sub> , CO <sub>2</sub>
4.	Explain about operations in single linked list	Understand	2	CO <sub>1</sub> , CO <sub>2</sub>
5.	What is Queue? Define the implementation with array and linked list?	Understand	3	CO <sub>1</sub> , CO <sub>2</sub>
6.	Write a program to display the factorial of a number using control structure	Understand	1	CO <sub>1</sub>

## NAWAB SHAH ALAM KHAN COLLEGE OF ENGINEERING & TECHNOLOGY NEW MALAKPET, HYDERABAD-500024

III YEAR- II SEMESTER B.TECH MID-I EXAMINATIONS FEB 2020

BRANCH: CSE/IT

DATE: -02-2020

SUBJECT: COMPILER DESIGN

TIME: 60 mins

I. Answer any two of the following questions.

2×5=10

Q.NO	Question	Bloom's level	CO Level
1.	Explain various phases of compiler with an example Position:= initial + rate*60	L2	Co1
2	Construct predictive parsing table for the following grammar E→E+T/T T→T*F/F F→(E)/id and check whether the string id*id*id is accepted or not.	L2	Co2
3	Construct SLR parsing for the following grammar E→E+T/T T→T*F/F F→(E)/id and check whether the string id+id*id is accepted or not	L2	Co3
4	a) Construct Optimize DFA for regular expression (a/b)*abb. b) Explain briefly about <u>lex</u> tool with example	L6,L2	C02