

## CONTENTS

<u>Chapters and Topics</u>	<u>page</u>
<b><u>CHAPTER 25</u></b>	<b>(DAY 4 After noon)</b>
<b><i>ADVANCED LINKED LISTS</i></b>	
<b>PROCESS CHART</b>	<b>312</b>
<b>LINKED LISTS USING DYNAMIC VARIABLES</b>	<b>314</b>
<b>REVERSING A LINKED LIST</b>	<b>316</b>
<b>STACKS AND QUEUES USING LINKED LISTS</b>	<b>317</b>
<b>CIRCULAR LISTS</b>	<b>319</b>
<b>STACKS AND QUEUES AS CIRCULAR LISTS</b>	<b>319</b>
<b>NORMAL DECIMAL INTEGER ADDITION</b>	<b>322</b>
<b>LONG INTEGER ADDITION</b>	<b>323</b>
<b>DOUBLY LINKED LISTS IMPLEMENTATION</b>	<b>325</b>
<b>OPERATIONS ON DOUBLY LINKED LISTS</b>	<b>327</b>

## CHAPTER – 25

### ADVANCED LINKED LISTS

#### PROCESS CHART

<b><u>STACK:</u></b>  <i>Local variables of the current program</i>
<b><u>HEAP:</u></b>  <i>Dynamically allocated memory</i>
<b><u>DATA:</u></b>  <i>Global and static variables</i>
<b><u>TEXT:</u></b>  <i>Executing code in binary format.</i>