*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 1 |
| **Title of the Experiment** | To Implement One Dimensional and Two Dimension Array programs using C. |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 2 |
| **Title of the Experiment** | To implement stack and Queue  using array |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 3 |
| **Title of the Experiment** | Insertion, deletion and reversing  operations with singly linked |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 4 |
| **Title of the Experiment** | Program to demonstrate  Linear Search |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 5 |
| **Title of the Experiment** | Program to demonstrate  Sorting algorithms |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 6 |
| **Title of the Experiment** | Demonstrate Insertion and Deletion  operation on Binary Search Tree |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 7 |
| **Title of the Experiment** | Demonstrate advance  methods of AVL tree. |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 8 |
| **Title of the Experiment** | Demonstrate the Implementation of  addition and deletion of edges in  a directed graph using adjacency matrix. |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 9 |
| **Title of the Experiment** | Demonstrate the Implementation of infix to postfix conversion and evaluation of postfix conversion. |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher:

*Anjuman-i-Islam’s*

M.H. SABOO SIDDIK COLLEGE OF ENGINEERING

8, Saboo Siddik Polytechnic Road, Byculla, Mumbai, Maharashtra 400008.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Course Name : Data Structure Lab Course Code: ITL301 Class: SE IT / SEM III / REV 19 C

NAME: ABDURRAHMAN QURESHI ROLL NO.: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 10 |
| **Title of the Experiment** | Demonstrate the Implementation of Hashing Function with different collision resolution technique. |
| **Date of Performance** |  |
| **Date of Submission** |  |

**Evaluation Scheme**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Rubrics** | **Marks** |
| **1.** | **On Time Submission & Completion (3)** |  |
| **2.** | **Knowledge (5)** |  |
| **3.** | **Performance (5)** |  |
| **4.** | **Discipline (2)** |  |
| **Total Mark (15)** | |  |

Dated Signature of the Teacher: