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: Computer Programming Paradigms Course Code: ITL303

Class: SE IT/SEM III/

Name: Abdurrahman Qureshi Roll.No:242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 1 |
| **Title of the Experiment:** | Write a C++ program to demonstrate Encapsulation and Inheritance. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

**Dated Signature of the Teacher:**

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Name: Abdurrahman Qureshi Roll.No: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 2 |
| **Title of the Experiment:** | Write a C++ program to demonstrate Initialization and Finalization. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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Name: Abdurrahman Qureshi Roll.No: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 3 |
| **Title of the Experiment:** | Write a program in SWI-Prolog environment to find factorial of a number. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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Name: Abdurrahman Qureshi Roll.No: 242466

**Experiment Overview**

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| --- | --- |
| **Experiment No:** | 4 |
| **Title of the Experiment:** | Write a program in SWI-Prolog environment to demonstrate recursion using Tower of Hanoi puzzle. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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Name: Abdurrahman Qureshi Roll.No: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 5 |
| **Title of the Experiment:** | Write a program in SWI-Prolog environment to print Fibonacci series. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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Name: Abdurrahman Qureshi Roll.No: 242466

**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 6 |
| **Title of the Experiment:** | Installation of Haskell Compiler and performing simple operations exercise |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 7 |
| **Title of the Experiment:** | To implement functions in Haskell Programming |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 8 |
| **Title of the Experiment:** | Implementation of List and List Comprehension in Haskell programming. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 9 |
| **Title of the Experiment:** | Implementation of Exception handling and Garbage collection in C++ and Java. |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

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**Experiment Overview**

|  |  |
| --- | --- |
| **Experiment No:** | 10 |
| **Title of the Experiment:** | Programming Assignment For comparative study of Different Paradigms |
| **Date Of Performance:** |  |
| **Date of Submission:** |  |

**Evaluation Scheme**

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

**Dated Signature of the Teacher:**