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| **ASSIGNMENT** | |
| **Course Code** | CSC201A |
| **Course Name** | Discrete Mathematics -1 |
| **Programme** | B. Tech |
| **Department** | Computer Science & Engineering |
| **Faculty** | Faculty of Engineering Technology |

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| **Name of the Student** | SUBHENDU MAJI |
| **Reg. No** | 18ETCS002121 |
| **Semester/Year** | 3RD / 2019 |
| **Course Leader/s** | Ms Sahana P. Shankar |

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| **Declaration Sheet** | | | | | | | | |
| Student Name | SUBHENDU MAJI | | | | | | | |
| Reg. No | 18ETCS002121 | | | | | | | |
| Programme | B. Tech | | | | | Semester/Year | 3rd / 2019 | |
| Course Code | CSC201A | | | | | | | |
| Course Title | Discrete Mathematics -1 | | | | | | | |
| Course Date |  | | To | |  | | | |
| Course Leader | Ms Sahana P. Shankar | | | | | | | |
| **Declaration**  The assignment submitted herewith is a result of my own investigations and that I have conformed to the guidelines against plagiarism as laid out in the Student Handbook. All sections of the text and results, which have been obtained from other sources, are fully referenced. I understand that cheating and plagiarism constitute a breach of University regulations and will be dealt with accordingly. | | | | | | | | |
| Signature of the Student | |  | | | | | Date |  |
| Submission date stamp  (by Examination & Assessment Section) | |  | | | | | | |
| Signature of the Course Leader and date | | | | Signature of the Reviewer and date | | | | |
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| Engineering and Technology | | | |
| Ramaiah University of Applied Sciences | | | |
| Department | Computer Science and Engineering | Programme | B. Tech. |
| Semester/Batch | 3rd/2019 | | |
| Course Code | CSC201A | Course Title | Discrete Mathematics-1 |
| Course Leader(s) | Ms Sahana P. Shankar and Ms.Supriya | | |

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|  | | | | | |
| Questions | Marking Scheme | | Marks | | |
| Max Marks | First Examiner Marks | Moderator |
| 1 |  | | | | |
| 1.1 | Development of a Python program with comments to create sets and perform the specified operations | 5 |  |  |
| 1.2 | Illustration using Venn diagrams | 2 |  |  |
| **Question 1 Max Marks** | | **7** |  |  |
| 2 |  | | | | |
| 2.1 | Justification of the statement with appropriate reasoning | 2 |  |  |
| 2.2 | Solution to the example problem | 1 |  |  |
| **Question 2 Max Marks** | | **3** |  |  |
| **Total Assignment Marks** | | | 10 |  |  |

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| **Course Marks Tabulation** | | | | |
| **Question** | **First Examiner** | **Remarks** | **Moderator** | **Remarks** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| **Marks (Max 10 )** |  |  |  |  |
| **Signature of First Examiner Signature of Moderator** | | | | |

# **Question No. 1**

**Solution to Question No. 1:**

## Development of a Python program with comments to create sets and perform the specified operations

## 1.2 Illustration using Venn diagrams

# **Question No. 2**

**Solution to Question No. 2:**

## 2.1 Justification of the statement with appropriate reasoning

## 2.2 Solution to the example problem