**Assignment 3**

**Semester: Spring 2020**

**Course ID: MAT 120 (Section: 15)**

**Course Title: Integral Calculus and Differential Equations**

**Due date: 23/03/2020 (Monday during class)**

* **Assignment will be submitted as an individual.**
* **Late submission will not be accepted.**
* **You must include your name and ID along with course title, course code and section number on the cover page of your assignment.**

**Answer all the questions from ‘Set A’ if you have an odd digit ID and ‘Set B’ if you have an even digit ID from the following questions Sets:**

**Set A**

|  |  |  |
| --- | --- | --- |
| Q1. | Evaluate in terms of gamma function: | [10] |
| Q2. | Evaluate in terms of beta function: | [10] |

**Set B**

|  |  |  |
| --- | --- | --- |
| Q1. | Evaluate in terms of gamma function: | [10] |
| Q2. | Evaluate in terms of beta function: | [10] |