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| **Student’s Name** | **Student’s ID** | **Section Number** | **Lecturer’s Name** |
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| **Question Number** | **Mark** |
| **Question I** |  |
| **Question II** |  |
| **Question III** |  |
| **Question IV** |  |
| **Total** |  |

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| **Question I:**  **Choose the correct answer**   1. **equals** 2. **(b)**   **(c)** **(d) None of the previous** |
| **(2) equals**  **(a) (b)**  **(c) (d) None of the previous** |
| **(3) equals**    **(a) (b)**  **(c) (d) None of the previous**   1. **The solution of the equation where equals**     **(a) (b)**  **(c) (d) None of the previous**  **Question II:**  **A. Prove that**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **B. Show that**  **Question III:**  **Use the properties of the logarithm function to compute , where**    **Question IV: Evaluate the following integrals:**  **1)**      **Good Luck ☺** |