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

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| **Question I Choose the correct answer**   1. **For equals** 2. **(b)**   **(c) (d) None of the previous** |
| **(2) equals**  **(a) (b)**  **(c) (d) None of the previous** |
| **(3) The partial fraction expression of is**  **(a) (b)**  **(c) (d) None of the previous**  **Question II A. Prove that**  **B. Solve the following equation for :**  **Question III Use the properties of the natural logarithm function to compute , where**  **Question IV Evaluate the following integrals**   1. **(Hint: Use an appropriate trigonometric substitution)**   **Good Luck ☺** |
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