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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)**
2.

**Good Luck ☺** |
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