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| **Student’s Name** | **Student’s ID** |
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| **Question Number** | **I** | **II** | **Total** |
| **Mark** |  |  |  |

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| **Question I:If has continuous second partial derivatives with , and ,**  **a. Show that**  **b. Find** |
| **Question II: Find the maximum and minimum values of on the region bounded by the graphs and .** |

Good Luck☺