**Question 1: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/pl/ia/kg/nacaalkeebjhekbeoeegppfhlk.gif |

**Question 2: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/kj/fn/jb/opjnhfggigjgfpkbpenbflickn.gif |

**Question 3: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/hd/nm/dh/eeeadiacokhipkgflhgkjpgplm.gif |

**Question 4: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/ai/hf/di/onaiiigeokjpcdjnkegjgmmomf.gif |

**Question 5: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/ml/je/kp/cpddcfjlbfgaidjmfijbcoglaa.gif |

**Question 6: (1 points)**

|  |  |
| --- | --- |
|  | Compute the area of the surface http://place30.placementtester.com:8080/leicester/tmp/ic/be/ca/jhbbjploamaabdlebneemihjag.gifabove the region http://place30.placementtester.com:8080/leicester/tmp/eo/oj/la/bgopdmgpcpgokgolkakocblgfp.gif |

**Question 7: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/fk/ll/od/fioccfknklieinppdoclgmepbl.gif |

**Question 8: (1 points)**

|  |  |
| --- | --- |
|  | Compute the area of the surface http://place30.placementtester.com:8080/leicester/tmp/bc/ea/nf/ohmafdogbkiakafpccpjphigom.gifabove the region http://place30.placementtester.com:8080/leicester/tmp/cj/fc/on/dkjiffofidajfedbiplekdkcpn.gif |

**Question 9: (1 points)**

|  |  |  |
| --- | --- | --- |
|  | Evaluate the following integral  http://place30.placementtester.com:8080/leicester/tmp/bb/an/bg/iomoblhfbkolkadcmahokngkil.gif | |
| **Question 10: (1 points)**  For the integral below  http://place30.placementtester.com:8080/leicester/tmp/hk/dl/kl/njaoolpplmpadcfdoenckgekmm.gif | | | | |
| **(a)** | | | Rewrite the integral as an equivalent iterated integral in the order:  http://place30.placementtester.com:8080/leicester/tmp/fc/gl/mj/jhpgjekpngiohnhgdgbdinagek.gif  Fill-in boxes by correspondent values:   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | http://place30.placementtester.com:8080/leicester/tmp/ci/pf/ii/eobjgnmmgajelheknfjmgpegll.gif | [Preview](javascript:%20previewFormula(document.getElementsByName('ans.9.0.0.0').item(0).value,%20'formula'))[Change entry mode](javascript:%20window.open('http://place30.placementtester.com:8080/leicester/modules/mathEditor.Select',%20'mathEditorSelect',%20'resizable=no,scrollbars=yes,menubar=no,status=no,toolbar=no,width=450,height=600').focus();) | http://place30.placementtester.com:8080/leicester/tmp/fa/ea/ad/djmjggnjicifokebelcjjakbfj.gif | [Preview](javascript:%20previewFormula(document.getElementsByName('ans.9.0.1.0').item(0).value,%20'formula'))[Change entry mode](javascript:%20window.open('http://place30.placementtester.com:8080/leicester/modules/mathEditor.Select',%20'mathEditorSelect',%20'resizable=no,scrollbars=yes,menubar=no,status=no,toolbar=no,width=450,height=600').focus();) | | http://place30.placementtester.com:8080/leicester/tmp/ac/gl/ie/nmfeofkcldopjbidloojhppkal.gif | [Preview](javascript:%20previewFormula(document.getElementsByName('ans.9.0.2.0').item(0).value,%20'formula'))[Change entry mode](javascript:%20window.open('http://place30.placementtester.com:8080/leicester/modules/mathEditor.Select',%20'mathEditorSelect',%20'resizable=no,scrollbars=yes,menubar=no,status=no,toolbar=no,width=450,height=600').focus();) | http://place30.placementtester.com:8080/leicester/tmp/if/hg/oo/ehelaiolfnafkobagjdbdnennh.gif | [Preview](javascript:%20previewFormula(document.getElementsByName('ans.9.0.3.0').item(0).value,%20'formula'))[Change entry mode](javascript:%20window.open('http://place30.placementtester.com:8080/leicester/modules/mathEditor.Select',%20'mathEditorSelect',%20'resizable=no,scrollbars=yes,menubar=no,status=no,toolbar=no,width=450,height=600').focus();) | | http://place30.placementtester.com:8080/leicester/tmp/mi/on/fo/ajeoclpemcmedhnhaombplkmdo.gif | [Preview](javascript:%20previewFormula(document.getElementsByName('ans.9.0.4.0').item(0).value,%20'formula'))[Change entry mode](javascript:%20window.open('http://place30.placementtester.com:8080/leicester/modules/mathEditor.Select',%20'mathEditorSelect',%20'resizable=no,scrollbars=yes,menubar=no,status=no,toolbar=no,width=450,height=600').focus();) | http://place30.placementtester.com:8080/leicester/tmp/hp/jc/el/bdbkaidfjaphjmhjmlgekhaeca.gif | [Preview](javascript:%20previewFormula(document.getElementsByName('ans.9.0.5.0').item(0).value,%20'formula'))[Change entry mode](javascript:%20window.open('http://place30.placementtester.com:8080/leicester/modules/mathEditor.Select',%20'mathEditorSelect',%20'resizable=no,scrollbars=yes,menubar=no,status=no,toolbar=no,width=450,height=600').focus();) | |  |  |  |  | |  |  |  |  | | |
| **(b)** | | | Evaluate the integral | |