**Question 1: (1 points)**

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

**Question 2: (1 points)**

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

**Question 3: (1 points)**

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

**Question 4: (1 points)**

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

**Question 5: (1 points)**

|  |  |
| --- | --- |
|  | Evaluate the following integralhttp://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 integralhttp://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 integralhttp://place30.placementtester.com:8080/leicester/tmp/bb/an/bg/iomoblhfbkolkadcmahokngkil.gif |
| **Question 10: (1 points)**For the integral belowhttp://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.gifFill-in boxes by correspondent values:

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| http://place30.placementtester.com:8080/leicester/tmp/ci/pf/ii/eobjgnmmgajelheknfjmgpegll.gif | PreviewChange entry mode | http://place30.placementtester.com:8080/leicester/tmp/fa/ea/ad/djmjggnjicifokebelcjjakbfj.gif | PreviewChange entry mode |
| http://place30.placementtester.com:8080/leicester/tmp/ac/gl/ie/nmfeofkcldopjbidloojhppkal.gif | PreviewChange entry mode | http://place30.placementtester.com:8080/leicester/tmp/if/hg/oo/ehelaiolfnafkobagjdbdnennh.gif | PreviewChange entry mode |
| http://place30.placementtester.com:8080/leicester/tmp/mi/on/fo/ajeoclpemcmedhnhaombplkmdo.gif | PreviewChange entry mode | http://place30.placementtester.com:8080/leicester/tmp/hp/jc/el/bdbkaidfjaphjmhjmlgekhaeca.gif | PreviewChange entry mode |
|  |  |  |  |
|  |  |  |  |

 |
| **(b)** | Evaluate the integral |