

Guide to Old MATH 200 Exams

This guide matches up old MATH 200 exam questions with the corresponding relevant sections of the CLP–III text. For example, the first entry “2016D #1” in the first table below indicates that problem number 1 in the December 2016 exam concerns material from Section 1.1 in the CLP–III text. Similarly, the first entry “2014A #1c” in the second table indicates that problem number 1c in the April 2014 exam concerns material from Section 1.2 in the CLP–III text. In particular “D”, and “A” stand for December and April, respectively.

§1.1 Points

2016D #1

§1.2 Vectors

2014A #1c

§1.4 Equations of Planes in 3d

2015D #1a 2014A #1bc 2011A #1bc 2008A #1b 2007A #1

§1.5 Equations of Lines in 3d

2016D #1 2015D #1b 2014A #1a,b 2013D #1a 2012D #1
2012A #1 2011A #1a

§1.7 Sketching Surfaces in 3d

2011D #1 2010D #1a 2008A #7

§2.2 Partial Derivatives

2013D #1c 2010D #3 2010A #1a 2009D #1a,b 2006D #1a,b

§2.3 Higher Order Derivatives

§2.4 The Chain Rule

2016D #4 2015D #3 2014D #2 2013D #1d 2012D #2
2012A #3 2011D #2 2011A #3 2009A #2 2008D #3
2007A #4 2006D #1d 2006A #5 2005D #2

§2.5 Tangent Planes and Normal Lines

2015D #1c 2014D #4 2013D #1f 2012A #2b 2011D #1b
2010D #1b 2010A #1b 2009D #1d 2009A #1a 2008D #1
2008A #3b,c,d 2007A #2b 2005D #4

§2.6 Linear Approximations and Error

2016D #3a 2015D #2b 2014D #3 2013D #1b 2012D #3
2012A #2a 2011D #1c 2011A #2 2010D #1c 2010A #1b
2009D #1c 2009A #1b 2008D #2 2007A #2a 2006D #1c
2006A #1 2005D #1

§2.7 Directional Derivatives and the Gradient

2016D #3b,c	2015D #2a,c	2014D #1	2014D #7a	2014A #2
2013D #1e	2013D #2	2012D #5	2012A #4	2011D #3
2011A #4	2010D #2	2010A #3	2009D #3b,c	2009A #3
2008D #4	2008A #1a,d	2008A #3a	2007A #3	2006D #2
2006A #2	2005D #3			

§2.9 Maximum and Minimum Values

2016D #2	2016D #5b,c	2015D #4	2014D #5	2014A #3
2013D #4	2012D #4	2011A #5a,b	2010D #4a	2010A #2
2009D #2	2009D #3a,d	2008D #5a	2007A #5	2007A #6
2006D #3a	2006A #3	2005D #5		

§2.10 Lagrange Multipliers

2016D #5a	2015D #5	2014A #4	2013D #3	2012D #6
2012A #5	2011D #4	2011A #5c	2010D #4b	2010A #4
2009D #4	2009A #4	2008D #5b	2008A #5	2006D #3b
2006A #4	2005D #6			

§3.1 Double Integrals

2016D #6	2015D #6	2014A #6a	2013D #6	2012D #7
2012A #6	2011D #5a	2011A #6a,b	2010D #5	2010A #5a,b
2010A #6	2009D #5	2009D #6	2009A #5	2008D #6
2008A #2	2007A #7	2006D #4	2006A #6	

§3.2 Double Integral in Polar Coordinates

2014D #6	2014A #5	2013D #5	2011D #5b	2011A #6c
2010A #5c	2009A #6	2006D #5	2006A #7	2005D #8

§3.3 Applications of Double Integrals

2012D #8	2012A #7	2011D #6	2010A #7	2009D #7
2008D #7	2005D #7			

§3.5 Triple Integrals

2016D #8	2015D #7	2014D #9	2014A #6b	2013D #1g
2013D #8	2012D #9	2012A #8	2011D #7	2011A #7
2010D #7	2009A #8	2008D #8	2008A #8	2006D #6a
2005D #9				

§3.6 Triple Integrals in Cylindrical Coordinates

2016D #7a	2015D #8a,c	2014D #7b	2014D #8a	2014A #7
2014A #8a	2013D #7	2012A #9	2011D #8	2011A #8a
2010D #6	2010A #8b	2009D #8b,c	2009A #7a	2008A #6
2007A #8a,c				

§3.7 Triple Integrals in Spherical Coordinates

2016D #7b,c	2015D #8b	2014D #8b,c	2014A #8b,c	2013D #9
2012D #10	2012A #10	2011D #8	2011A #8b,c	2010D #8
2010A #8a,c	2009D #8a,c	2009A #7b,c	2008D #8	2008A #1c
2008A #4	2007A #8b	2006D #6b	2006A #8	