Departamental Final MATH016

Show all your work to get credit. No calculators or any other aids.

Name: _____ **Date**: _____

Instructor: _____ **CRN**: _____

Be sure to write answers on the answer line for each problem

Q 1 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-\frac{25}{3}\left(-\frac{6}{5}\right)\left(-\frac{1}{10}\right)$$

*Answer:*_____

Q 2 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-(-0.3)^2$$

*Answer:*_____

Q 3 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{-2}{5} \times 4 - \frac{2}{3}$$

*Answer:*_____

Q 4 *Fill in the blank between the numbers using either '=' or '≠' to make a true statement.*

$$-5(67-39) \qquad -5+67-39$$

*Answer:*_____

Q 5 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{-6}{-1-2}$$

*Answer:*_____

Q 6 *What is 130% of 20?*

*Answer:*_____

Q 7 *Compute if possible or write 'undefined'. Make sure that you use the '=' sign correctly.*

$$-9+6$$

*Answer:*_____

Q 8 *Compute if possible or write 'undefined'.*

$$-5-3$$

*Answer:*_____

Q 9 *Compute if possible or write 'undefined'.*

$$-2+1-3$$

*Answer:*_____

Q 10 *Compute if possible or write 'undefined'.*

$$-5-(-2)$$

*Answer:*_____

Q 11 *Compute if possible or write 'undefined'.*

$$7(-5)$$

*Answer:*_____

Q 12 *Compute if possible or write 'undefined'.*

$$-5 \times (-5) \times 2$$

*Answer:*_____

Q 13 *Compute if possible or write 'undefined'.*

$$\frac{15}{-3}$$

*Answer:*_____

Q 14 *Compute if possible or write 'undefined'.*

$$12 \div (-6)$$

*Answer:*_____

Q 15 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-\left(-\frac{2}{5}\right) + \frac{3}{2}$$

*Answer:*_____

Q 16 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{2}{3} - \frac{3}{2}$$

*Answer:*_____

Q 17 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-\frac{3}{4} - \left(-\frac{1}{3}\right) + \frac{4}{3}$$

*Answer:*_____

Q 18 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$4 + \frac{-3}{7}$$

*Answer:*_____

Q 19 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-1 - \left(-\frac{5}{3}\right)$$

*Answer:*_____

Q 20 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-9 \times \left(-\frac{2}{3}\right)$$

*Answer:*_____

Q 21 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$11\left(\frac{-3}{22}\right)$$

*Answer:*_____

Q 22 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{43}{3} \times \left(-\frac{7}{3}\right) \times \frac{42}{43}$$

*Answer:*_____

Q 23 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{\left(-\frac{28}{3}\right)}{\left(\frac{14}{9}\right)}$$

*Answer:*_____

Q 24 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-\frac{14}{27} \div \left(-\frac{7}{18}\right)$$

*Answer:*_____

Q 25 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{\left(\frac{49}{4}\right)}{-7}$$

*Answer:*_____

Q 26 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$17 \div \left(-\frac{17}{2}\right)$$

*Answer:*_____

Q 27 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-99 - (-99)$$

*Answer:*_____

Q 28 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{0}{79}$$

*Answer:*_____

Q 29 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-2.11 \times 10$$

*Answer:*_____

Q 30 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$12 \div (-100)$$

*Answer:*_____

Q 31 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-1.1 \div 100$$

*Answer:*_____

Q 32 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$4 \times (-4) \div 4$$

*Answer:*_____

Q 33 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-9 + 2 \times (-2)$$

*Answer:*_____

Q 34 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{4-5}{6-5}$$

*Answer:*_____

Q 35 *Fill in the blank between the numbers using either '=' or '≠' to make a true statement.*

$$\frac{-2}{-7} \qquad -\left(\frac{2}{7}\right)$$

*Answer:*_____

Q 36 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-(-0.97) - 1$$

*Answer:*_____

Q 37 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-1 + 0.14$$

*Answer:*_____

Q 38 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$5 \times 0.22$$

*Answer:*_____

Q 39 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$1.01 \times 0.3$$

*Answer:*_____

Q 40 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\frac{0.33}{-0.3}$$

*Answer:*_____

Q 41 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-0.25 \div (-0.005)$$

*Answer:*_____

Q 42 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-(-1)^{42}$$

*Answer:*_____

Q 43 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$\left(\frac{-3}{4}\right)^3$$

*Answer:*_____

Q 44 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-1 + 2\frac{7}{8}$$

*Answer:*_____

Q 45 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-2\frac{4}{7} - 1\frac{1}{14}$$

*Answer:*_____

Q 46 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-4 \times \left(-2\frac{1}{16}\right)$$

*Answer:*_____

Q 47 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$2\frac{2}{3} \div 3\frac{1}{3}$$

*Answer:*_____

Q 48 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$2 - 2(2 - 3)^9$$

*Answer:*_____

Q 49 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$[2 + 2(-2)] \div (3 - 5)$$

*Answer:*_____

Q 50 *Compute if possible or write 'undefined'. Simplify as much as possible.*

$$-2 + 2 \div 4 \div 4$$

*Answer:*_____
