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DIRECTIONS: Read each question. Choose the BEST answer for each question.
NOTE: For each item listed throughout this booklet, the first statement is a summary of the Michigan Extended Grade Level Content Expectation (EGLCE) and the second statement or problem is the descriptor for the item’s stem or question.

1 N.MR.05.FI.EG10: Find the next number in a simple repeating pattern

   Describe addition pattern

   A correct
   B correct amount but subtracted
   C added incorrect amount

2 N.MR.05.FI.EG09: Create, describe, and extend simple number patterns

   Given description, identify matching increasing pattern

   A correct
   B increasing pattern, but by incorrect amount
   C increasing pattern, but by incorrect amount

3 M.UN.05.FI.EG01: Select and use standard tools for measurement

   Select tool to measure length

   A tool to measure time
   B correct
   C tool to measure temperature

4 M.PS.05.FI.EG03: Measure and compare integer temperatures

   Use thermometer to measure temperature

   A correct
   B under by 4 degrees
   C under by 2 degrees
5 **M.UN.05.FI.EG05:** Measure lengths to the nearest inch

Measure length to nearest inch

A under by one inch
B correct
C over by one inch

6 **M.UN.05.FI.EG02:** Select appropriate units of measure

Identify unit of measure for weight

A unit of measure for length
B unit of measure for time
C correct

7 **M.UN.05.FI.EG04:** Approximate temperature

Select temperature to match given context

A too cold
B too cold
C correct

8 **M.PS.05.FI.EG08:** Solve one-step word problems

Add increase to temperature

A subtracted
B incorrect addition
C correct

9 **N.ME.05.FI.EG08:** Identify and place whole numbers on a number line

Identify missing whole number on number line

A number one less than smallest value shown
B number one more than smallest value shown
C correct

10 **G.LO.05.FI.EG02:** Describe and use relative position of objects on a plane and in space

Determine relative position of two objects

A correct
B incorrect position
C incorrect position
11 D.RE.05.FI.EG03: Describe the shape of data using informal language

Interpret trend of data in chart

A incorrect trend
B correct
C incorrect trend

12 M.UN.05.FI.EG07: Tell time on a radial or digital clock to the nearest hour

Select radial clock to given temperature

A 2 hours earlier
B 1 hour earlier
C correct

13 M.PS.05.FI.EG11: Tell the amount of money in dollars and cents

Determine decimal value of given bills and coins

A 5-dollar bill = $1, 1 penny = 2 cents
B quarter = 10 cents, penny = 2 cents
C correct

14 M.UN.05.FI.EG09: Identify and use different coins and bills

Given value in dollars and cents, identify matching set of bills and coins

A 1-dollar bill has value of five dollars
B 5-dollar bill has value of ten dollars and one nickel has the value of a quarter
C correct

15 M.UN.05.FI.EG10: Recognize equivalent sets of coins and bills

Identify set of coins equivalent to given set

A correct
B 25 cents over
C 10 cents over

16 M.PS.05.FI.EG12: Add and subtract money in dollars and cents

Subtract money in word problem

A 10 cents = $1
B correct
C added
17 **N.ME.05.FI.EG03:** Represent whole numbers to 10,000

Represent 2-digit number with blocks

A transposed ones and tens
B correct
C correct tens, but did not include ones

18 **D.RE.05.FI.EG02:** Draw predictions and conclusions from data in tables, graphs, and charts

Interpret bar graph: find maximum value

A neither maximum nor minimum
B minimum, not maximum
C correct

19 **D.RE.05.FI.EG01:** Read data from charts, tables, graphs, tallies, and pictographs

Interpret bar graph

A incorrect bar
B correct
C incorrect bar

20 **N.ME.05.FI.EG02:** Recognize equivalent representations for whole numbers to 10,000

Translate standard form to expanded form

A correct
B \(a,bcd = a,000 + b0 + c0 + d\)
C \(a,bcd = a + b + c + d\)

21 **N.ME.05.FI.EG06:** Compare and order numbers to 10,000

Select 4-digit number greater than given 4-digit number

A less than the given number
B less than the given number
C correct

22 **N.ME.05.FI.EG01:** Read, write, and count using whole numbers to 10,000

Translate standard form to word form

A correct
B omitted tens
C incorrect in tens and ones place
23 N.MR.05.FI.EG13: Solve simple open sentences for addition and subtraction

Find subtrahend in subtraction equation

A one less than correct subtrahend
B correct
C one more than correct subtrahend

24 N.ME.05.FI.EG05: Express numbers to 10,000 using place value

Determine number with value in tens place

A correct
B ones place = tens place
C hundreds place = tens place

25 G.GS.05.FI.EG01: Identify, describe, and compare two-dimensional shapes

Identify 2-D shape given name

A incorrect 2-D shape
B correct
C incorrect 2-D shape

26 N.ME.05.FI.EG08: Identify and place whole numbers on a number line

Identify shape at given location on number line in increments of 5

A shape with location 10 less than correct location
B shape with location 20 less than correct location
C correct

27 N.ME.05.FI.EG02: Recognize equivalent representations for whole numbers to 10,000

Translate standard form to expanded form

A a,bcd = a,000 + b00 + d0 + c
B correct
C a,bcd = a,000 + c00 + b0 + d
28 **N.FL.05.FI.EG11:** Use addition properties of 0

Add 0 to 2-digit number

A correct
B added 1
C added 10

29 **M.PS.05.FI.EG06:** Measure and compare lengths, weights, and volumes

Compare heights in inches

A correct
B incorrect comparison
C incorrect comparison

30 **N.ME.05.FI.EG07:** Count numbers to 10,000 by 1s and to 1,000 by 2s, 5s, 10s, and 100s

Count by 100s to find total

A 500 less than total
B 100 less than total
C correct

31 **N.FL.05.FI.EG14:** Apply estimation in solving problems

Estimate addition in context

A correct
B overestimate
C multiplied

32 **N.MR.05.FI.EG15:** Select appropriate numbers to solve problems

Select correct 2-digit addends and add

A sum of first two addends
B sum of second two addends
C correct

33 **N.FL.05.FI.EG12:** Add and subtract two numbers with 1 or 2 digits each

Add in context

A 10 under
B correct
C 10 over
34 N.FL.05.FI.EG14: Apply estimation in solving problems

Estimate cost in dollars

A underestimate by $10
B correct
C overestimate by $10

35 N.FL.05.FI.EG12: Add and subtract two numbers with 1 or 2 digits each

Subtract in context

A less than correct difference
B correct
C added