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Republic of the Philippines

CAMARINES NORTE STATE COLLEGE

F. Pimentel Avenue, Brgy. 2, Daet, Camarines Norte – 4600, Philippines

COLLEGE OF EDUCATION

MATHEMATICS 5

3rd Grading Period, AY 2022-2023

Third Periodical Examination

Name: _____ Score: _____

Grade & Section: _____ Date: _____

I. MULTIPLE CHOICE

Direction: Read each statement. Choose the letter of the correct answer and write it on the space provided. **USE BIG LETTERS ONLY.**

_____ 1. Round off 2.5163 to the nearest thousandths.

A. 2.500

C. 2.5160

B. 2.5100

D. 2.600

_____ 2. Round off 0.438 to the nearest hundredth.

A. 0.40

C. 0.43

B. 0.42

D. 0.44

_____ 3. If you multiply 2.235 by 1.5, how many decimal places will be there in the product?

A. 2

C. 4

B. 3

D. 5

_____ 4. What is 2.41×11 ?

A. 2.651

C. 26.51

B. 23.41

D. 265.1

_____ 5. Lisa worked for 3.5 hours. If she is paid an hourly rate of ₱37.50, she will receive_____?

A. ₱130.25

C. ₱132.26

B. ₱131.25

D. ₱132.27

_____ 6. Melissa sews a pillowcase that is 0.80 m long and .32 m wide. What is the area of the pillowcase?

A. **0.256**

C. 2.560

B. 0.260

D. 25.60



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- _____ 7. What is the compatible number of ₱104.10?
- A. **100** C. 110
B. 104 D. 120
- _____ 8. Round off ₱101.40 to the nearest whole number.
- A. **₱101.00** C. ₱105.00
B. ₱104.00 D. ₱106.00
- _____ 9. Lea buys 3.5 kilos of grapes for ₱157.50. How much do the grapes cost per kilo?
- A. ₱40.00 C. ₱50.00
B. **₱45.00** D. ₱55.00
- _____ 10. Mark has driven 210.24 km for 2.4 hr. How many kilometers did he drive in an hour on the average?
- A. 80.6 km C. **87.6 km**
B. 85.6 km D. 90.6 km
- _____ 11. It tells that the estimated quotient is lower than the actual quotient?
- A. Estimate C. **Underestimate**
B. Overestimate D. None of the above
- _____ 12. Describe the estimated quotient of 365.04 and $31.22 \approx 13.3$
- A. Estimate C. Underestimate
B. **Overestimate** D. None of the above
- _____ 13. Which of the following ratios is proportion?
- A. **$3:4 = 9:12$** C. $3:5 = 20:25$
B. $4:6 = 8:10$ D. $6:15 = 23:25$
- _____ 14. If for every 10 apples, there are 20 oranges, then the ratio of apples to oranges is _____.
- A. 5:10 C. **10:20**
B. 10:15 D. 10:30
- _____ 15. On a shelter there are 16 journals and 24 encyclopedia. The ratio of journals to encyclopedia in simplest form is _____ ?
- A. **2:3** C. 8:16
B. 4:6 D. 2:12



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- _____ 16. The ratio form of 25 out of 60 students is _____
- A. 5:12
B. 15:20
C. 20:25
D. 25:60
- _____ 17. Mang Ben harvested 18 kg of mangoes, 38 kg of apple, 23 kg of banana from his farm. About how many kilograms of fruits did he have altogether?
- A. 79 kg of fruits
B. 80 kg of fruits
C. 81 kg of fruits
D. 82 kg of fruits
- _____ 18. Using the rounding off technique, find the estimated sum of $20.45 + 8.63 + 2.75$?
- A. 30
B. 32
C. 35
D. 37
- _____ 19. What is the estimated difference will you get if you subtract 540.25 from the sum of 496.50 and 193.15?
- A. 149
B. 150
C. 151
D. 152
- _____ 20. What is the product of 3.62 and 0.9?
- A. 2.258
B. 3.258
C. 4.258
D. 5.258
- _____ 21. Find the product of 0.023×0.37 ?
- A. 0.00751
B. 0.0751
C. 0.00851
D. 0.0851
- _____ 22. Mang Carlos has 14 bags of apples. Each bag weighs 1.5 kg. Find the total mass of the apples.
- A. 15
B. 17
C. 19
D. 21
- _____ 23. If $2.4 \times N = 0.0048$, then what is the N?
- A. 0.002
B. 0.012
C. 0.04
D. 0.05
- _____ 24. Grace buys 4.8 kilos of meat at Php 180.50 a kilo. How much will she pay the cashier?
- A. ₱750.40
B. ₱800.10
C. ₱866.40
D. ₱900.10



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_____ 25. A book is 20.4 cm long and 15 cm wide. What is the area?

- A. 256
B. 306
C. 356
D. 406

_____ 26. Estimate the product of 102.3 and 21.7 using the compatible numbers.

- A. 1,000
B. 1,500
C. 2,000
D. 2,500

_____ 27. Estimate the product of 278.15 and 2.25 using the rounding technique.

- A. 460
B. 560
C. 660
D. 760

_____ 28. Johnny jogs 4.67 km everyday. About how many kilometers does he jog in two weeks?

- A. 50 km
B. 60 km
C. 70 km
D. 80 km

II. SOLVE

Direction: Solve for N. You may use the back of your test paper for your solution.
Encircle your final answer.

29. $13.5 \div 1.5 = N$

N= 9

$$30. N \div 0.002 = 14,200$$

N= 28.4

$$31. \ 5.948 \div 0.034 = N$$

N= 174.24

32. $58,216 \div 18.7 \approx N$

$N \approx 3000$

33. $104.30 \div 9.10 \approx N$

$N \approx 10$

34. $4,025 \div 18.25 \approx N$

$N \approx 200$



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35-37. Find the missing term to make the ratios proportion.

35. $9:10 = \underline{27}:30$

36. $\underline{4}:5 = 8:10$

37. $3:\underline{4} = 6:8$

38-40. Solve the following word problem. Show your solution inside the box.

38. One kilogram of chicken sells for ₱150. How much does 5 kg of chicken cost?

39. Sam, Kate, and Alex have 36 foreign coin collection in total. Comparing their collection with each other, the ratio is 4:2:6, respectively. How many foreign collection does Kate have?

40. Jack and Jill sell newspaper on weekends to earn extra money. For every 3 newspapers that Jack sells, Jill sells 5. If Jack sold 15 newspaper, how many Jill sell?

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