



NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1 – 2011
PRIMARY THREE
MATHEMATICS

INSTRUCTION TO CANDIDATES

1. Write your name and index number in the space provided.
 2. Do not turn over the page until you are told to do so.
 3. Follow all instructions carefully.
 4. Answer all questions.
 5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 - 20.
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Marks Obtained

Section	Maximum Marks	Actual Marks
A	40	
B	40	
C	20	
Total	100	

Name : _____ ()

Class : Pr 3 _____

Date : 11 May 2011

Duration: 1 h 45 min

Parent's Signature : _____

Section A (40 marks)

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. The digit '5' in 4 580 stands for _____.

- (1) 5
- (2) 50
- (3) 500
- (4) 5 000

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2. Find the difference between 2 314 and 1 026.

- (1) 1 288
- (2) 1 298
- (3) 1 312
- (4) 1 388

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3. 4×6 is the same as _____.

- (1) $6 \times 6 \times 6 \times 6$
- (2) $6 + 6 + 6 + 6$
- (3) $4 \times 4 \times 4 \times 4 \times 4 \times 4$
- (4) $4 + 4 + 4 + 4 + 4$

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4. Fifteen dollars and nine cents is the same as _____.

- (1) \$50.90
- (2) \$50.09
- (3) \$15.90
- (4) \$15.09

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5. Which of the following has the greatest value ?

- (1) 20 five-cent coins
- (2) 19 ten-cent coins
- (3) 10 twenty-cent coins
- (4) 3 fifty-cent coins

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6. What is the product of 316 and 4?

- (1) 79
- (2) 312
- (3) 320
- (4) 1 264

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7. Which of the following is equal to 3 082.

- (1) $30 + 80 + 2$
- (2) $300 + 80 + 2$
- (3) $3\,000 + 80 + 2$
- (4) $3\,000 + 800 + 20$

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8. 3 hundreds less than 6 457 is _____.

- (1) 6 454
- (2) 6 427
- (3) 6 157
- (4) 3 457

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9. Add up all the **even numbers** between 1 and 9. What is the answer?

- (1) 29
- (2) 25
- (3) 20
- (4) 15

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10. $40 \times 3 =$ _____.

- (1) 4 tens
- (2) 12 tens
- (3) 40 tens
- (4) 120 tens

()

11. 3×5 is 3 more than _____.

- (1) 3×6
- (2) 3×4
- (3) 2×5
- (4) 3×3

()

12. Kim has the following amount of money in her purse. She wants to change all the money to 50-cent coins. How many 50-cent coins will she get?



- (1) 23
- (2) 20
- (3) 15
- (4) 12

()

13. Which one of the following numbers when divided by 2 leaves no remainder?

- (1) 857
- (2) 823
- (3) 585
- (4) 574

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14. 5 girls ran a 200-metre race. Alice was 1st and Beatrice was last. If Diane was ahead of Carol and Elle was just behind Diane, who was 2nd?

- (1) Beatrice
- (2) Carol
- (3) Diane
- (4) Elle

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15. Sue has four brothers. She has just bought 40 sweets and wants to share her sweets equally with all her brothers. How many sweets will each of them get ?

(1) 35
(2) 20
(3) 10
(4) 8

()

16. Devi had 24 baskets. After putting 5 eggs into each basket, she was then left with 3 eggs. How many eggs did she have altogether ?

(1) 72
(2) 77
(3) 120
(4) 123

()

17. A farmer had 96 chickens and 32 ducks. He sold 7 chickens and bought 12 ducks. What was the total number of chickens and ducks in the end?

(1) 109
(2) 123
(3) 133
(4) 147

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18. Mabel and Ned share 28 stamps. Mabel gets 4 more than Ned. How many stamps does Mabel get?

(1) 32
(2) 24
(3) 16
(4) 12

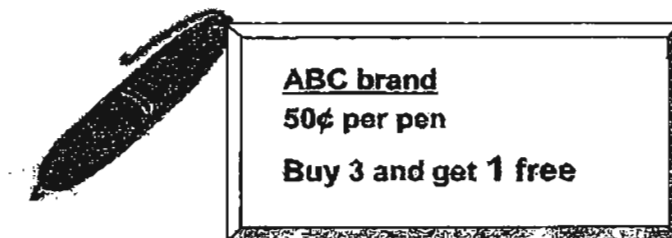
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19. Kumar has 2 two-dollar notes, 3 twenty-cent coins and 2 five-cent coins.
How much does he have altogether ?

- (1) \$2.25
- (2) \$2.70
- (3) \$4.25
- (4) \$4.70

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20. Benedict saw the following advertisement.
He used up his five-dollar note to buy some ABC pens.
How many pens did he get altogether?



- (1) 13
- (2) 12
- (3) 11
- (4) 10

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Section B (40 marks)

Questions 21 to 40 carry 2 marks each. Show your workings clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

21. Write 7 412 in words.

Ans: _____

22. In 6 825, the digit '8' is in the _____ place .

Ans:

23. 50 more than 9 876 is _____.

Ans:

24. What is the **quotient** when 65 is divided by 7?

Ans:

25. Zhi Hao bought a pen and a file. He gave the cashier \$10 and received a change of \$4.85. The file cost \$3.80. How much did the pen cost?

Ans: \$

26. Divide 93 by 4. What is the remainder ?

Ans:

27. Hao Ran wants to buy a few of the items shown below.

ball	bat	goggles	whistle	water bottle
				
\$18	\$9	\$12	\$3	\$6

He only had \$30 and he used up all his money to buy 3 of the above items.
Name the 3 items bought.

Ans: Items: _____, _____ and _____

28.
$$\begin{array}{r} 4 \ 8 \ 3 \ 2 \\ - 3 \ \boxed{} \ 4 \ 0 \\ \hline 1 \ 3 \ 9 \ 2 \end{array}$$

What is the missing number in the box ?

Ans:

29. Subtract 40 from 1 460. The answer is _____.

Ans:

30. Complete the number pattern below.



Ans:

31. How many  will be needed to make Pattern 8 ?



Pattern 1



Pattern 2



Pattern 3



Pattern 4

Ans:

32. Kate had 200 stamps. She gave her sister 20 of them and her father gave her another 10 stamps. How many stamps did she have in the end?

Ans:

 stamps

33. Complete the number pattern below.

1, 4, 9, 16, ? , 36, 49

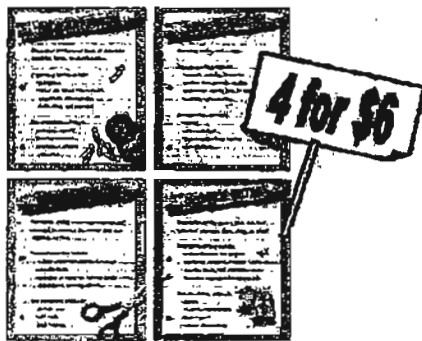
Ans:

34. Jun Jie baked 5 times as many cookies as Larry. If they both baked 816 cookies altogether, how many cookies did Larry bake?

Ans:

cookies

35. Mrs Lim wants to get 24 posters for the classroom.
How much will she have to pay if the posters are sold at 4 for \$6 ?



posters

Ans:

\$

36. Given that $\text{star} + \text{star} = 18$ and

$$\text{star} + \text{house} + \text{house} + \text{house} = 30$$

What is the value of house ?

Ans:

37. Romeo has 500 more game tokens than James. He gives James 300 game tokens.

- a) Who has more game tokens now, Romeo or James?
- b) How many more?

Ans:

(a)

(b)

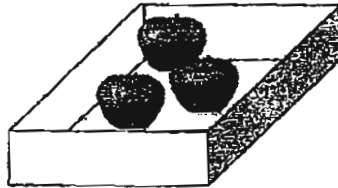
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38. Sue has 11 coins. She has only one-dollar coins and fifty-cent coins. The total amount is \$8. How many one-dollar coins does she have ?

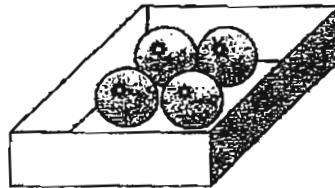
Ans:

one-dollar coins

39.



3 apples in a box



4 oranges in a box

Michael bought 12 boxes of apples.

How many boxes of oranges must he buy so that he can have the **same number** of apples and oranges?

Ans:

boxes

40. A watch costs 3 times as much as a T-shirt.

If the watch costs \$105, find the total cost of 4 such T-shirts.

Ans:

\$

Section C (20 marks)

Question 41 to 45 carry 4 marks each. Show the workings clearly in the space provided below each question and write your answers in the space provided.

41. There were 2 684 visitors at the zoo on Saturday.
There were 152 fewer visitors at the zoo on Sunday than on Saturday
Find the total number of visitors on both days ?
42. Susan baked 73 strawberry muffins and Camy baked 26 chocolate muffins.
Vanessa baked **twice** as many banana muffins as the total number of
muffins Susan and Camy baked altogether.
How many muffins did they bake altogether?

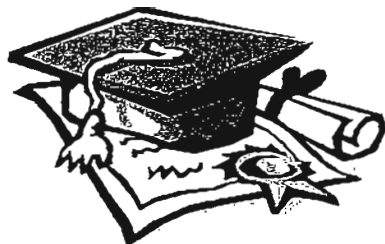
43. A dress cost \$88. Lily already had \$16 in her piggy bank. If she saved \$4 each day, how many more days would she need to save in order to buy the dress ?

44. Jaye bought 3 boxes of egg tarts, each containing 28 egg tarts. She distributed the tarts equally among 7 friends. How many egg tarts did each friend receive?

45. Mrs Lee bought 35 blue and pink hair clips. She then packed them equally into 5 packets. If there are 3 more pink hair clips than blue hair clips in each packet, how many blue hair clips are there in each packet?

End-of-paper





ANSWER SHEET

EXAM PAPER 2011

SCHOOL : NAN HUA
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
3	1	2	4	3	4	3	3	3	2	2	1	4	3	4	4	3

Q18	Q19	Q20
3	4	1

21) Seven thousand, four hundred and twelve

22) hundreds

23) 9926

24) 9

25) \$1.35

26) 1

27) ball, whistle, bat

28) 4

29) 1420

30) 3837

31) 36

32) 190 stamps

33) 25

34) 136 cookies

35) \$36

36) 7

37) a) James

b) 100 more

38) 5 one-dollar coins

39) 9 boxes

40) \$140

41) $2684 - 152 = 2532$

$2532 + 2684 = 5216$

There were 5216 visitors on both days.

42) $73 + 26 = 99$

$99 \times 2 = 198$

$198 + 73 + 26 = 297$

They baked 297 muffins altogether.

43) $\$88 - \$16 = \$72$

$\$72 \div 4 = 18$

She would need 18 more days in order to buy the dress.

44) $28 \times 3 = 84$

$84 \div 7 = 12$

Each friend received 12 eggs tarts.

45) $35 \div 5 = 7$

$7 - 3 = 4$

$4 \div 2 = 2$

There are 2 blue hair clips in each packet.