NAN HUA PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 – 2015

PRIMARY THREE

MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class 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 - 15.

Marks Obtained

Section	Maximum Marks	Actual Marks
A	30	
B	30	
C	20	
Total	80	

Name : _____ (   )

Class : Pr 3 _____

Date : 8 May 2015

Duration: 1 h 45 min

Parent's Signature : _____

1

Questions 1 to 15 carry 2 marks each. For each question, four options are given. Only one of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. In 6 075, the digit _____ is in the hundreds place.

    (1) 0
    (2) 5
    (3) 6
    (4) 7   (   )

2. 5 492 = 5 000 + _____ + 2

    (1) 49
    (2) 90
    (3) 400
    (4) 490   (·   )

3. 5 902 − 2 099 = _____

    (1) 3 803
    (2) 3 813
    (3) 3 997
    (4) 8 001   (   )

4. In which one of the following numbers does the digit '8' have the **greatest** value?

    (1) 4 852
    (2) 8 245
    (3) 2 458
    (4) 5 482   (   )

5. Write 5 thousands 4 hundreds 12 tens 6 ones in numerals.

    (1)   5 418
    (2)   5 426
    (3)   5 471
    (4)   5 526   (   )

6. 3 x 5 is 3 more than _____ .

    (1)   2 x 5
    (2)   3 x 2
    (3)   4 x 3
    (4)   6 x 3   (   )

7. What is the smallest 4-digit **even** number that can be formed using the number cards shown below?

    | 7 | | 4 | | 0 | | 1 |

    (1)   1 047
    (2)   1 074
    (3)   1 470
    (4)   1 740   (   )

8. What is the difference between the **values** of digit '9' and digit '3' in 9 132 ?

    (1)   6
    (2)   12
    (3)   8 970
    (4)   8 997   (   )

3

9. Bala has 35 erasers. He has 18 more erasers than Ahmad.
   How many erasers does Ahmad have?

   (1)   17
   (2)   26
   (3)   53
   (4)   88   (   )

10. What is the value of 12 twenty-cent coins?

   (1) $0.12
   (2) $0.24
   (3) $1.20
   (4) $2.40   (   )

11. 4 groups of 7 is the same as _____.

   (1)   7 + 7 + 7 + 7
   (2)   7 × 7 × 7 × 7
   (3)   4 + 4 + 4 + 4
   (4)   4 × 4 × 4 × 4 × 4 × 4 × 4   (   )

12. A number when divided by 5 has a quotient of 62 and a remainder of 3.
    What is the number?

   (1)   186
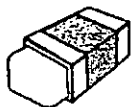   (2)   191
   (3)   310
   (4)   313   (   )

13. Use the price chart below to answer the following question.

Funland Amusement Park

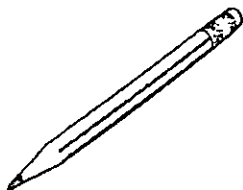| WEEKDAY		WEEKEND	
Ticket Type	Price	Ticket Type	Price
Adult	$18	Adult	$25
Children	$10	Children	$15

Last Saturday, Mrs Rita went to Funland Amusement Park with her 3 children. How much did Mrs Rita pay in all for the entrance fees?
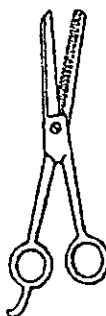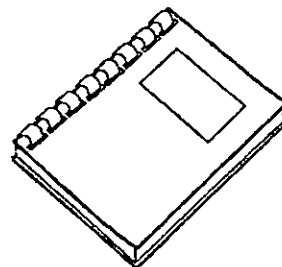
(1) $ 28
(2) $ 40
(3) $ 48
(4) $ 70   (   )

14.

Eraser	Pencil	Scissors	Notebook
$ 0.50	$ 0.80	$ 3.20	$ 1.80

David bought two of the above items from the bookshop.
After giving the cashier $ 5.00, David received $ 1.30 change.
Which two items did he buy?

(1)   Eraser and Pencil
(2)   Eraser and Scissors
(3)   Pencil and Notebook
(4)   Scissors and Notebook   (   )

15. Ben has 3 times as many stickers as Eileen.
    If they have 24 stickers altogether, how many stickers does Eileen have?

    (1)   6
    (2)   8
    (3)   21
    (4)   27

                                                              (   )

Section B : Short Answer Questions (30 marks)

Questions 16 to 25 carry 1 mark each. Questions 26 to 35 carry 2 marks each. For each question, show your workings clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

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16.   Write 8 014 in **words**.

      Ans:

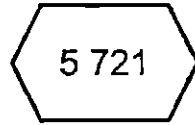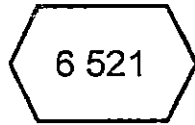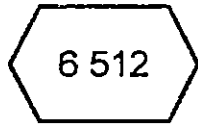17.   What is the value of the digit '5' in 7 645 ?

                                                    Ans:

18.   Write six thousand, five hundred and ninety in numerals.

                                                    Ans:

19. Arrange these numbers in order. Begin with the **greatest** number.

6 512	5 632	6 521	5 721

Greatest ,	,	,	**Smallest**

20. What is the sum of 3 481 and 2 967?

Ans:

21. 5 000 = _____ hundreds

Ans:

22. 3 x 9 = 30 – [**?**]

What is the missing number ?

Ans:

23. What is the remainder when 547 is divided by 7?

Ans:

24. Find the product of 382 and 4.

Ans:

25. 804 cents = $ _____

Ans:

26. Look at the number pattern. Fill in the missing number.

5 , 15 , 20 , 30 , 35 , 45 , 50 , _____

Ans:

27. I am a number with the digits 2, 3, 4 and 5.
The digit '2' is in the ones place.
I am the smallest possible number between 4 000 and 5 000.
What number am I?

Ans: [ ]

28. What is 963 less than 4 078?

Ans: [ ]

29.

$$\star + \star + \heartsuit = 280$$

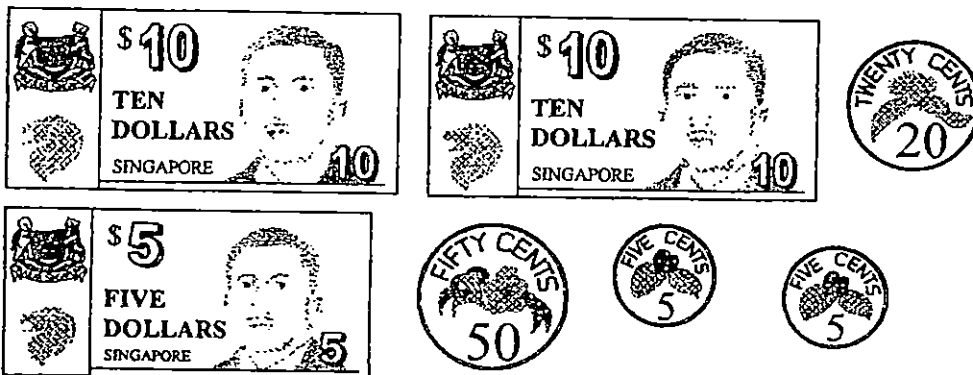$$\star + \heartsuit = 180$$

Find the value of $\star$.

Ans: [ ]

9

30. Mrs. Kumar needs to pack 98 tarts into boxes. If Mrs. Kumar packs the tarts in boxes of 6, what is the <u>least</u> number of boxes needed to pack **all** the tarts ?

Ans: [   ] boxes

31. What is the value of the money shown below?

Ans: [   ]

32. Mr Johan won a cash prize of $900 in a competition.
He decided to share the prize money equally with his wife and 2 children.
How much money did each of them get?

Ans: [   ]

33. Sarah had $4.20 at first.
After her father gave her some twenty-cent coins, she had $5.00.
How many twenty-cent coins did her father give her?

Ans: | _____ twenty-cent coins |

34. There were equal numbers of chickens and goats in a farm.
The total number of legs were 54. How many chickens were there?

Ans: | _____ chickens |

35. Ahmad was lining up in a queue.
There were 5 people in front of him and 6 people behind him.
What was the total number of people in the queue ?

Ans: | _____ people |

Answer all the questions. All number sentences, statements and workings must be clearly shown.

36. There were 3 435 visitors at the zoo on Saturday. 1 241 more visitors visited the zoo on Sunday than on Saturday.

    (a) How many visitors were there on Sunday?

    (b) What was the total number of visitors on both days?

37. Sophie bought a dress and a skirt. After giving the cashier $50, she received $12.10 change. The dress cost $24.90. How much did the skirt cost?

38. Mrs Aminah bought some eggs from the market. She put them equally into 19 packets of 8 and had 12 eggs left. How many eggs did Mrs Aminah buy from the market?

39. A florist sold 2 450 stalks of roses. He sold 380 more roses than tulips and sold 380 fewer lilies than tulips. How many lilies did he sell?

40. Mr Chan has $340. He wants to buy a television set which costs $790.

(a) How much more money does he need to buy the television set?

(b) If Mr Chan saves $5 each day, how many days does he need to save enough money to buy the television set?

End-of-paper

EXAM PAPER 2015
LEVEL   : PRIMARY 3
SCHOOL : NAN HUA PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM   : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	4	1	2	4	3	2	3	1	4

Q11	Q12	Q13	Q14	Q15
1	4	4	2	1

Q16. Eight thousand and fourteen

Q17. 5   Q18. 6590   Q19. 6521 (greatest), 6512, 5721, 5632 (smallest)

Q20. 6448   Q21. 50   Q22. 3 30-27 = 3

Q23. 1   Q24. 1528   Q25. $0.04   Q26. 60   Q27. 4352

Q28. 3115 ➔ 4078 – 963 = 3115   Q29. 100   Q30. 17 boxes

Q31. $25.80   Q32. $225 ➔ 900 ÷ 4 = 225

Q33. 4 twenty cent coins ➔ 80 ÷ 2 = 40

Q34. 9 chickens   Q35. 12 people

Q36a. 4676 ➔ 3435 + 1241 = 4676
Q36b. 8111 ➔ 4676 + 3435 = 8111

Q37. $13.00
50 - 12.10 = 37.90, 37.90 - 24.90 = 13

Q38. 164 eggs ➔ 19 x 8 = 152, 152 + 12 = 164

Q39. 1690 lilies ➔ 2450 – 380 - 380 = 1690

Q40a. $450 more ➔ 790 – 340 = 450
Q40b. 90 more days ➔ 450 ÷ 5 = 90