



**NANYANG PRIMARY SCHOOL**

**FIRST SEMESTRAL EXAMINATION  
2015**

**PRIMARY 3  
MATHEMATICS**

**DURATION: 1 HOUR 45 MINUTES**

<b>Section A</b>	<b>/ 40</b>
<b>Section B</b>	<b>/ 40</b>
<b>Section C</b>	<b>/ 20</b>

<b>Total:</b>	<b>/ 100</b>
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Name: \_\_\_\_\_ (       )

Class: Primary 3 (       )

Date: 11 May 2015

Any query on marks awarded should be raised by 21<sup>st</sup> May 2015.  
We seek your understanding in this matter as any delay in the  
confirmation of marks will lead to delays in the generation of results.

Parent's Signature: \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.  
FOLLOW ALL INSTRUCTIONS CAREFULLY.  
ANSWER ALL QUESTIONS.**

**Section A**

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.

(Total: 40 marks)

1. 8114 has the same value as \_\_\_\_\_.

- (1) 8 hundreds + 11 tens + 4 ones
- (2) 8 hundreds + 10 tens + 14 ones
- (3) 80 hundreds + 11 tens + 14 ones
- (4) 80 hundreds + 10 tens + 14 ones

2. 5071 is 139 greater than \_\_\_\_\_.

- |          |          |
|----------|----------|
| (1) 4321 | (2) 4932 |
| (3) 5032 | (4) 5210 |

3. What is the smallest 4-digit even number that can be formed using the following digits?

0, 1, 2, 3

- |          |          |
|----------|----------|
| (1) 1023 | (2) 1032 |
| (3) 1203 | (4) 1230 |

4. What is the sum of 6558 and 331?

- |          |          |
|----------|----------|
| (1) 3248 | (2) 6227 |
| (3) 6889 | (4) 9868 |

5. There are 301 fish in a tank.  
How many fish are there in 8 such tanks?

(1) 1809                      (2) 2408  
(3) 2409                      (4) 2488

6. What is the answer when you multiply 46 tens by 10?

(1) 460                        (2) 4060  
(3) 4600                      (4) 4610

7. What is the value of 1 fifty-cent coin, 6 twenty-cent coins and 4 ten-cent coins?

(1) \$1.64                      (2) \$1.70  
(3) \$2.10                      (4) \$11.80

8. What is the missing number in the box below?

$$\boxed{?} - 2886 = 7007$$

(1) 4121                      (2) 5221  
(3) 5886                      (4) 9893

9. Jamie scored 5126 points in a video game.  
He scored 753 points fewer than his brother.  
How many points did his brother score?

(1) 4373                      (2) 5633  
(3) 5879                      (4) 12 656

10. Class 3F needs to fold a total of 4200 paper cranes.  
They have folded some paper cranes.  
They have another 1738 more paper cranes to fold.  
How many paper cranes have they folded?

(1)	2462	(2)	2472
(3)	3538	(4)	5938

11. Mr Tan arranged 7 equal rows of tables in the hall.  
There were 58 tables in a row.  
The remaining 4 tables were placed at the back of the hall.  
What was the total number of tables in the hall?

(1)	402	(2)	406
(3)	410	(4)	434

12. Oranges were sold in packets of 8.  
Each packet cost \$2  
Mrs Choo bought 384 oranges.  
How much did Mrs Choo pay for the oranges?

(1)	\$24	(2)	\$48
(3)	\$96	(4)	\$768

13. Mr Ismail packed 822 muffins equally into boxes of 6.  
After selling some boxes of muffins, 24 boxes of muffins were left.  
How many boxes of muffins did he sell?

(1)	113	(2)	678
(3)	804	(4)	852

14. Jasmin had \$7.30 in her purse.  
She used 4 twenty-cent coins and \$2.50 to buy a book.  
How much money was left in her purse?

(1) \$0.60                      (2) \$4.00  
(3) \$4.80                      (4) \$6.40

15. 1 pen and 2 files cost \$5.  
2 such pens and 2 such files cost \$6.  
What is the cost of 2 such files?

(1) \$1                              (2) \$2  
(3) \$3                              (4) \$4

16. There were 380 girls who took part in a walkathon.  
There were 92 more boys than girls who also took part in the  
walkathon.  
How many children took part in the walkathon altogether?

(1) 288                              (2) 472  
(3) 564                              (4) 852

17. The difference between 2 numbers is 364.  
The bigger number is 4053.  
What is the smaller number?

(1) 989                              (2) 3689  
(3) 3789                              (4) 4311

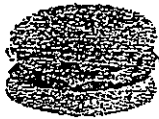
18. Sook San cut 9 pieces of ribbon of equal length. Each piece of ribbon was 25-cm long. There was 58-cm of ribbon left. What was the length of the ribbon at first?

- (1) 92 cm                      (2) 167-cm  
(3) 225 cm                    (4) 283 cm

19. There were 139 round tables and 48 square tables in the canteen. There were 10 people sitting at each round table and 6 people at each square table. How many people were there altogether in the canteen?

- (1) 1638                      (2) 1678  
(3) 1876                      (4) 2030

20. - Mr Singh bought 2 items at the supermarket. He gave the cashier \$50 and received \$43.10 in change. What were the 2 items he bought?



Burger  
\$6.80  
A



Ice-cream  
\$2.40  
B



Drink  
\$4.20  
C



Hotdog  
\$4.50  
D

- (1) A and B                      (2) A and C  
(3) B and D                      (4) C and D

**Section B**

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

(Total: 40 marks)

21. Write the following in numerals.

12 hundreds, 4 tens and 6 ones	
Eight thousand and fifteen	

22. Arrange the numbers below from the greatest to the smallest.

6636

6366

6663

6633

\_\_\_\_\_

23. What is the missing number in the box?

$$5960 + 1034 = \boxed{?}$$

Answer : \_\_\_\_\_

24. Study the number pattern.  
What is the missing number?

2, 2, 4, \_\_\_\_\_, 48, 240

Answer : \_\_\_\_\_

25. There were 366 marbles in a bag.  
How many marbles were there in 6 such bags?

Answer : \_\_\_\_\_

26. What is the remainder when 614 is divided by 7?

Answer : \_\_\_\_\_

27. Find the number represented by  $\bullet$  or  $\blacktriangle$  in the equations below.

(a)  $\bullet \div 9 = 8$

(b)  $\blacktriangle \times 7 = 1071$

Answer : (a)  $\bullet$  is \_\_\_\_\_

(b)  $\blacktriangle$  is \_\_\_\_\_



28. When 850 is added to a number, the answer is 7890.  
What is the number?

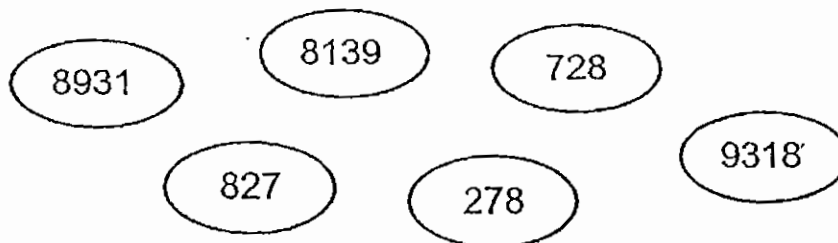
Answer : \_\_\_\_\_

29. What is the missing digit in the box?

$$\begin{array}{r} 6 \quad 9 \quad \boxed{?} \quad 4 \\ - \quad 1 \quad 6 \quad 5 \quad 7 \\ \hline 5 \quad 2 \quad 5 \quad 7 \end{array}$$

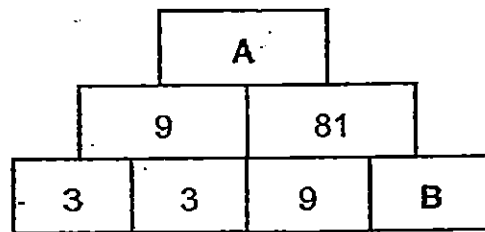
Answer : \_\_\_\_\_

30. From the group of numbers below, find the difference between the largest 4-digit odd number and the largest 3-digit even number.



Answer : \_\_\_\_\_

31. Study the number pattern below.  
What are the missing numbers?



Answer : A is \_\_\_\_\_

B is \_\_\_\_\_

32. Jenny gave out a bag of 270 sweets.  
Every guest at her party received 6 sweets.  
How many guests were there at her party?

Answer : \_\_\_\_\_

33. 380 children took part in the Sports Day events.  
There were thrice as many boys as girls.  
How many more boys than girls took part in the Sports Day events?

Answer : \_\_\_\_\_

34. During recess, Min Min bought a sandwich, a drink and a snack.  
How much did her meal cost?



Sandwich  
\$1.70



Drink  
\$1.40



Snack  
\$0.90

Answer: \$ \_\_\_\_\_

35. In the number pattern below, find A.

4250, 4350, 4450, A, 4650

Answer: A is \_\_\_\_\_

36. In a bookshop, there were 1230 blue and red pens altogether.  
There were 947 blue pens.  
How many fewer red than blue pens were there?

Answer: \_\_\_\_\_

37. Kumar had 218 marbles.  
He packed them into Bag A, Bag B and Bag C and had some marbles left.  
Bag B had twice as many marbles as Bag A.  
Bag C had thrice as many marbles as Bag B.  
How many marbles were left unpacked?

Answer : \_\_\_\_\_

38. Mark bought a pair of shoes and a T-shirt.  
The T-shirt cost \$17.  
The shoes cost \$30 more than the T-shirt.  
He gave the cashier \$100.  
How much change did he receive?

Answer : \$ \_\_\_\_\_

39. Mr Salim had the same number of chairs and stools in his café.  
Each chair has 4 legs while each stool has 3 legs.  
There were a total of 28 legs.  
How many stools were there in his café?

Answer : \_\_\_\_\_

40. Jason read 5 pages of a storybook during weekdays and 10 pages during weekends.  
He started reading the storybook on Saturday.  
There were 120 pages in the storybook.  
On which day did he finish reading the book?  
You may use the table below to help you.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

Answer : \_\_\_\_\_

**Section C**

Questions 41 to 45 carry 4 marks each. Do these word problems carefully.  
Show your working clearly in the space provided below each question.

(Total: 20 marks)

41. Su Mei had some stickers.  
She bought another 125 stickers and packed all her stickers equally into 3 bags.  
There were 190 stickers in each bag.  
How many stickers did Su Mei have at first? [4 marks]

Su Mei had \_\_\_\_\_ stickers at first.

42. Gopal scored 368 points in a quiz.  
May scored 147 points fewer than Gopal.  
Fatimah scored twice as many points as Gopal.

(a) What was May's score?

[2 marks]

May's score was \_\_\_\_\_

(b) How many points did Gopal and Fatimah score altogether?

[2 marks]

Gopal and Fatimah scored \_\_\_\_\_ altogether.

43. Howard received some money from his parents every month.  
He saved the same amount of money each month.  
After 10 months, he saved \$910.

(a) How much money did he save each month? [1 mark]

He saved \_\_\_\_\_ each month.

- (b) The total amount of money Howard saved is 5 times as much as the total amount of money that his brother saved.  
How much money did both of them save in 10 months? [3 marks]

Both of them saved \_\_\_\_\_ in 10 months.



44. Mr Chen bought two ties at \$19.90 each.  
He also bought a belt at \$45.

(a) How much more money did Mr Chen spend on the belt than on one tie? [1 mark]

Mr Chen spent \_\_\_\_\_ more on the belt than on one tie.

(b) He gave the cashier two \$50 notes.  
How much change did Mr Chen receive?

[3 marks]

Mr Chen received \_\_\_\_\_ change.

45. A, B and C are 3 different whole numbers.  
A is 638 less than B.  
B is 2003.

(a) What is the sum of A and B?

[3 marks]

The sum of A and B is \_\_\_\_\_.

- (b) C is an odd number between 2500 and 3000.  
C is made up of the digits 1, 0, 2 and 6.  
C is also greater than B.  
What is C?

[1 mark]

C is \_\_\_\_\_.

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Please Check Carefully



**SCHOOL :** NANYANG PRIMARY SCHOOL  
**LEVEL :** PRIMARY 3  
**SUBJECT :** MATH  
**TERM :** SA1

**CONTACT :**

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**SECTION A**

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

**SECTION B**

Q 11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	3	1	2	4	4	2	4	2	3

Q 21	Q22	Q23	Q24	Q25
1246 8015	663, 6636, 6633, 6366	6994	12	2196

Q26	Q27	Q28	Q29	Q30
5	72, 153	7040	1	8203

	A is <u>729</u> B is <u>9</u>
Q32)	$270 \div 6 = \underline{45}$
Q33)	$380 \div 4 = 95$ $95 \times 3 = 285$ $285 - 95 = \underline{190}$

Q34)	\$4.00
Q35)	$4450 + 100 = \underline{4550}$
Q36)	$1230 - 947 = 283$ $947 - 283 = \underline{664}$
Q37)	$218 \div 9 = 24 \text{ R } 2$ Ans : <u>2</u>
Q38)	$\$17 + \$30 = \$47$ $\$47 + \$17 = \$64$ $\$100 - \$64 = \underline{\$36}$
Q39)	4
Q40)	Tuesday

### SECTION C

Q41)	$190 \times 3 = 570$ $570 - 125 = \underline{445}$
Q42)	(a) $368 - 147 = \underline{221}$ (b) $368 \times 3 = \underline{1104}$
Q43)	(a) $\$910 \div 10 = \underline{\$91}$ (b) $\$910 \div 5 = \underline{\$182}$ $\$910 + \$182 = \underline{\$1092}$
Q44)	(a) $\$45 - \$29.90 = \underline{\$15.10}$ (b) $\$19.90 \times 2 = \$39.80$ $\$39.80 + \$45 = \$84.80$ $\$50 \times 2 = \$100$ $\$100 - \$84.80 = \underline{\$15.20}$
Q45)	(a) $2003 - 638 = 1365$ $2003 + 1365 = \underline{3368}$ (b) <u>2601</u>