



NANYANG PRIMARY SCHOOL
FIRST SEMESTRAL EXAMINATION
2010

PRIMARY 3
MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100
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Name: _____ ()

Class: Primary 3 ()

Date: _____

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. 4 thousands + 13 hundreds + 9 tens = _____

- (1) 4139
- (3) 4239

- (2) 4220
- (4) 5390

2. Which one of the following is **not** equal to 3704?

- (1) $3000 + 700 + 4$
- (2) 200 more than 3604
- (3) 200 less than 3904
- (4) 3 thousands, 7 hundreds and 4 ones

3. 1661 is _____ greater than 1561.

- (1) 10
- (3) 1000

- (2) 100
- (4) 10 000

4. What is the missing number in the blank below?

6789 , 6579 , 6269 , _____ , 5349

- (1) 5859
- (3) 6059

- (2) 5959
- (4) 6159

5. What is the sum of 4512 and 2201?

(1) 2211
(3) 6313

(2) 2311
(4) 6713

6. Daniel collected 2 times as many stamps as Ethan.
Furong collected 1585 more stamps than Daniel.
If Daniel collected 820 stamps, how many fewer stamps did Ethan collect than Furong?

(1) 1995
(3) 2815

(2) 2405
(4) 3635

7. Some adults took part in a triathlon.
There were 1432 female participants and 321 more male participants than female participants.
How many participants were there altogether?

(1) 1753
(3) 2543

(2) 2185
(4) 3185

8. Steven gave out 789 flyers on Wednesday and 135 fewer flyers on Thursday than on Wednesday.
How many flyers did he give out on both days?

(1) 654
(3) 1443

(2) 924
(4) 1613

9. What is the difference between 1256 and 3468?

- (1) 2192
- (3) 4614

- (2) 2212
- (4) 4724

10. Storekeeper A sold 5532 magazines.
He sold 3278 more magazines than Storekeeper B.
How many magazines did Storekeeper B sell?

- (1) 2254
- (3) 2346

- (2) 2264
- (4) 8810

11. Study the number pattern below. What is the missing number?

2 , 8 , 32 , 128 , _____ , 2048

- (1) 256
- (3) 1024

- (2) 512
- (4) 1202

12. What is the product of 112 and 7?

- (1) 16
- (3) 784

- (2) 26
- (4) 874

13. What is the missing digit in the box below?

$$\begin{array}{r} 2 \square 7 \\ \times \quad 8 \\ \hline 1976 \end{array}$$

- (1) 5
(3) 3
- (2) 7
(4) 4
14. Mindy had 131 green beads.
Sandy had ten times as many green beads as Mindy.
How many more green beads did Sandy have than Mindy?

- (1) 1179
(3) 1310
- (2) 1221
(4) 1441

15. Meiling has 756 bars of chocolate.
She wants to put 7 bars of chocolate into each box.
How many of such boxes does she need?

- (1) 18
(3) 108
- (2) 100
(4) 180

16. Ali wants to save a total of \$928 in 8 months.
If he saves an equal amount of money each month, how much must he save each month?

- (1) \$103
(3) \$118
- (2) \$116
(4) \$126

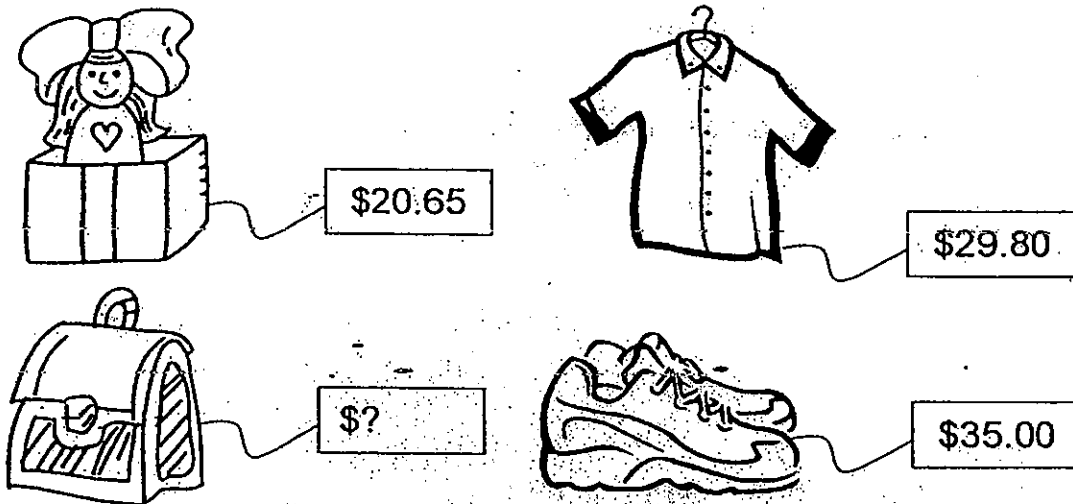
17. Express 5009¢ in dollars and cents.

- (1) \$5.00
(3) \$50.09
- (2) \$5.09
(4) \$50.90

18. Liming paid \$37.40 for a dress that was on sale. The usual price of the dress was \$89.30. How much did she save?

- (1) \$51.90 (2) \$52.10
(3) \$126.70 (4) \$141.20

Use the diagram below to solve Questions 19 and 20.



19. Jasmine bought 2 shirts and 1 doll. She gave the cashier two fifty-dollar notes. How much change did she receive from the cashier?

- (1) \$19.75 (2) \$49.55
(3) \$50.45 (4) \$80.25

20. The bag cost as much as the total cost of 1 pair of shoes and 1 shirt. How much did the bag cost?

- (1) \$30.15 (2) \$50.45
(3) \$55.65 (4) \$64.80

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 7829 in words in the space below.

Answer : _____

22. Arrange the following numbers below in descending order.

2689 , 2968 , 2986 , 2698

Answer : _____ , _____ , _____ , _____

23. $1234 + 2345 + 3456 = 7000 + \underline{\hspace{2cm}} + 5$

Answer : _____

24. A and B represent a digit.
Find the digits represented by A and B.

$$\begin{array}{r} 1 \quad \boxed{A} \quad \boxed{B} \quad 8 \\ - \quad \quad 3 \quad 7 \quad 1 \\ \hline 1 \quad 2 \quad 2 \quad 7 \end{array}$$

Answer : A : _____

B : _____

25. Janice baked 4761 cupcakes.
She baked 1245 more cupcakes than Karen.
How many cupcakes did they bake altogether?

Answer : _____

26. In a town, there are 2497 men and 79 fewer women than men.
If there are 985 more children than women in the town, how many
children are there?

Answer : _____

27. There were 3769 passengers on a train approaching Station X.
231 passengers got off at Station X and no passengers boarded it.
If another 1267 passengers got off at Station Y and 584 passengers
boarded the train at Station Y, how many passengers were on the train
when it left Station Y?

Answer : _____

28. Suzie gave Joanne 169 pens.
She gave Adam thrice the number of pens that she gave Joanne.
If Suzie had 1074 pens at first, how many pens did she have left in the end?

Answer : _____

29. Tailor Lee placed 3158 buttons in Container A and 2169 buttons in Container B.
After he transferred 568 buttons from Container B to Container A, what was the difference between the number of buttons in the two containers in the end?

Answer : _____

30. I am thinking of a number.
When it is divided by 6, the quotient is 31 and the remainder is 2.
What is the number that I am thinking of?

Answer : _____

31. Shelia bought 19 boxes of doughnuts for a party.
There were 8 doughnuts in each box.
Each of her guests ate 4 doughnuts.
If no doughnuts were left at the end of the party, how many guests were there?

Answer : _____

32. Bufan has 9 containers.
He puts 401 cookies in each container.
How many cookies are there altogether?

Answer : _____

33. Jeremy wanted to build 3 model planes for his cousins and 4 model planes for his parents.
If he needed to use 864 building blocks to build 6 model planes, how many building blocks would he need to build all his model planes?

Answer: _____

34. There are 483 pebbles in the garden.
There are twice as many black pebbles as grey pebbles and twice as many white pebbles as black pebbles in the garden.
How many more white pebbles than grey pebbles are there?

Answer : _____

35. Mr Tan is taking 317 children to the Singapore Science Centre.
Each mini-van can seat 9 children and each bus can seat 30 children.
If there are only 9 buses available, what is the smallest number of mini-vans needed?

Answer : _____

36. There were 180 pins.
Zhiming put them in red boxes and blue boxes.
Each red box contained 4 more pins than each blue box.
There were 5 red boxes and 3 blue boxes.
How many pins were there in one blue box?

Answer : _____

37. Use the digits in the box below to form the smallest 4-digit odd number. Each digit can be used only once.

9, 5, 6, 2, 3

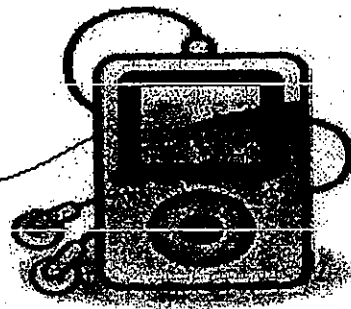
Answer : _____

38. Alex pumped \$28 worth of petrol and bought a packet of potato chips for \$2.90. He received \$9.10 as change after paying the cashier. How much did he give the cashier?

Answer : \$ _____

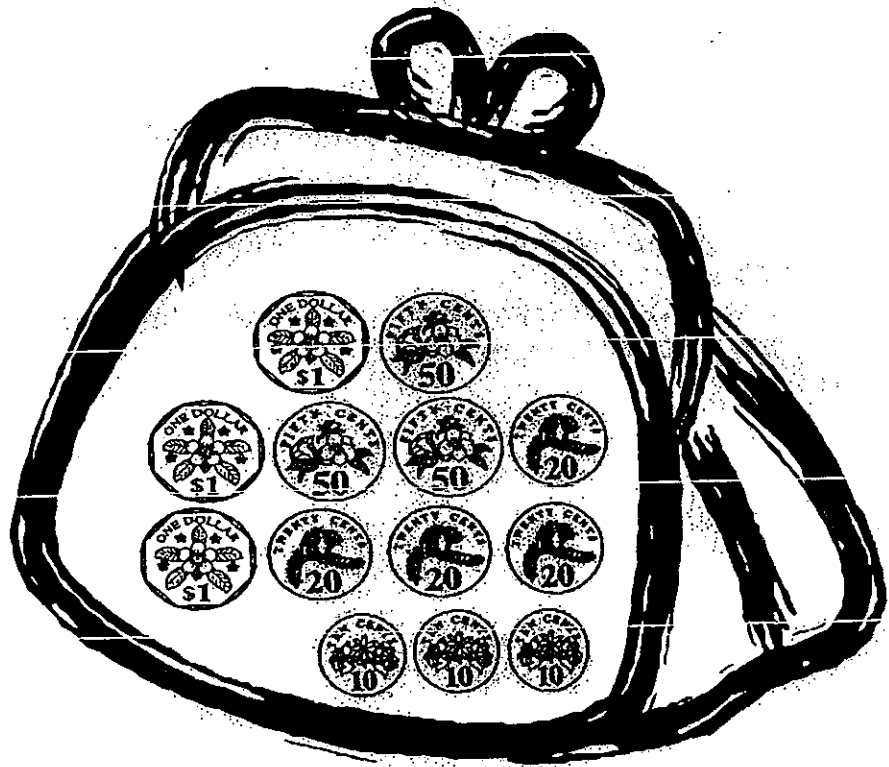
39. After buying an MP3 player, Mr Lee had \$38 left. How much money did he have at first?

MP3 player: \$296.75



Answer : \$ _____

40. Danielle had \$15.90 at first.
After she had purchased her lunch, she was left with the amount as
shown in her purse below.
How much did she spend on her lunch?



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)

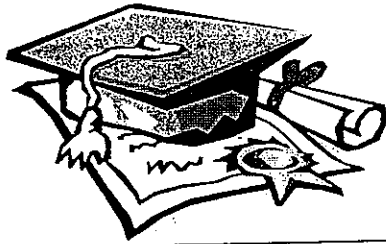
41. Paul has \$67.30. He has \$4.90 less than Queenie.
Raymond has the same amount of money as Queenie.
How much money do they have in all?
42. Shanti went for a 1-week holiday at the beach.
On the first day, she collected 14 shells from the beach.
For the rest of the days that she was there, she collected twice the
number of shells as the day before.
How many shells did she collect on the fifth day?

43. Two years ago, Jackie's age was half of Rina's.
Susan is 31 years old now and she is 9 years older than Rina.
How old is Jackie now?

44. Julie bought some bags of flour for her bakery.
She used 16 bags of flour each day from Monday to Friday and 18
bags of flour each day on Saturday and Sunday.
After a week, she had 45 bags of flour left.
How many bags of flour did she buy at first?

- 45: Rose had 4200 stamps and Chun Li had 1800 stamps.
Rose gave 2000 stamps to her father.
How many stamps must Rose give Chun Li so that both of them have the same number of stamps in the end?

☺ *End of Paper* ☺
Please Check Carefully

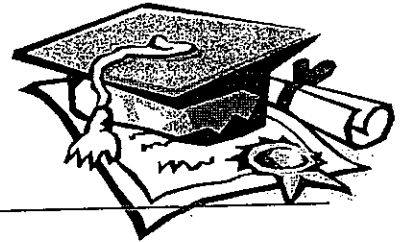


ANSWER SHEET

EXAM PAPER 2010

SCHOOL : NANYANG PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1



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

Q18	Q19	Q20
1	1	4

21) Seven thousand, eight hundred and twenty-nine

22) 2986, 2968, 2698, 2689

23) 30

24) A: 5 B: 9

25) 8277

26) 3403

27) 2855

28) 398

29) 2125

30) 188

31) 38

32) 3609

33) 1008

34) 207

35) 6

36) 20

37) 2359

38) \$40

39) \$334.75

40) \$10.30

41) $\$67.30 + \$4.90 = \$72.20$

$\$72.20 + \$72.20 + \$67.30 = \211.70

They have \$211.70 in all.

42) She collected 224 shells on the fifth day.

43) $22 - 2 = 20$

$20 \div 2 = 10$

$10 + 2 = 12$

Jackie is 12 years old now.

44) $16 \times 5 = 80$

$18 \times 2 = 36$

$80 + 26 + 46 = 161$

She bought 161 bags of flour at first.

45) $4200 - 2000 = 2200$

$2200 - 1800 = 400$

$400 \div 2 = 200$

Rose must give Chun Li 200 stamps.

