NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION
2014

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

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

Total:	/ 100

Name: _____ (   )

Class: Primary 3 (

Date: 9 May 2014

Parent's Signature:_____

Any query on marks awarded should be raised by 20 May 2014. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

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

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

   8645, 8605, _____, 8525, 8485

   (1)   8545
   (3)   8585

2. 7053 is the same as _____

   (1)   700 + 50 + 3   (2)   700 + 500 + 3
   (3)   7000 + 500 + 3   (4)   7000 + 50 + 3

3. Which one of the following numbers is greater than 9609?

   (1)   9601   (2)   9069

   (3)   9099   (4)   9690

4. What is the sum of 23 and 4521?

   (1)   4498   (2)   4544
   (3)   4751   (4)   6821

5. What is the difference between 8071 and 1060?

   (1)   7011   (2)   7110
   (3)   9031   (4)   9131

6. Study the number pattern below carefully.

   28, 35, ☐ , 49

   What is the missing number in the box?

   (1)   7   (2)   36
   (3)   38   (4)   42

7. Mrs Lim earns $211 a day.
   How much money will she earn in 8 days?

   (1) $219   (2) $1477
   (3) $1688   (4) $1888

8. Jason has 36 blue marbles.
   He has 9 times as many green marbles as blue marbles.
   How many marbles does he have altogether?

   (1)   274   (2)   306
   (3)   324   (4)   360

9. The value of $19.85 is the same as _____.

   (1)   19850¢   (2)   1985¢
   (3)   198.50¢   (4)   19.85¢

10. What is the missing number in the box?

    ☐ − 6748 = 1935

    (1)   4813   (2)   5213
    (3)   7673   (4)   8683

2

11. A factory had 3708 blue buttons and 2171 green buttons.
    How many buttons did the factory have?

    (1) 1537   (2) 1637
    (3) 2549   (4) 5879   (   )

12. Rahim lost some stickers.
    After his brother gave him 265 stickers, Rahim had 78 more stickers
    than before he lost the stickers.
    How many stickers had he lost?

    (1) 187   (2) 213
    (3) 233   (4) 343   (   )

13. Roslee baked 362 cookies a day.
    He baked the same number of cookies everyday.
    How many cookies did he bake in a week?

    (1) 2124   (2) 2434
    (3) 2524   (4) 2534   (   )

14. Jenny had 336 ribbons.
    She put them equally into 8 boxes.
    How many ribbons were there in each box?

    (1) 28   (2) 32
    (3) 41   (4) 42   (   )

15. Sharon bought a dress for $45.40.
    She gave the cashier a $100 note.
    How much change did Sharon receive?

    (1) $45.60   (2) $54.60
    (3) $55.40   (4) $55.60   (   )

16. Xiao Guan used six $5-notes to pay for a story book.
    He received a change of $8.55.
    How much did the story book cost?

    (1) $1.45   (2) $11.45
    (3) $18.55   (4) $21.45   (.)

17. School X had 1438 fewer pupils than School Y.
    After 374 pupils joined School Y, it had three times as many pupils as
    School X.
    How many pupils were there in School X?

    (1) 453   (2) 532
   (3) 604   (4) 906   (   )

18. Mr Johan sold oranges, pears and apples in his fruit stall.
    There were 480 more oranges than pears.
    The number of pears was 560 fewer than the apples.
    He threw away 230 apples   rotten and kept the rest of the
    fruits.
    How many more oranges than apples were there in the end?

    (1) 150   (2) 330
    (3) 810   (4) 1270   (   )

4

19. Chong Min wanted to buy some books.
    Each book cost $18.
    He needed $40 more to buy 6 such books.
    How much money did he have?

    (1) $64   (2) $68
    (3) $108   (4) $148   (   )

20. Ali wanted to buy a birthday cake for his mother.
    The cake cost $28.70.
    He opened his wallet and realised that he did not have enough money.
    The figure below shows the amount of money in Ali's wallet.
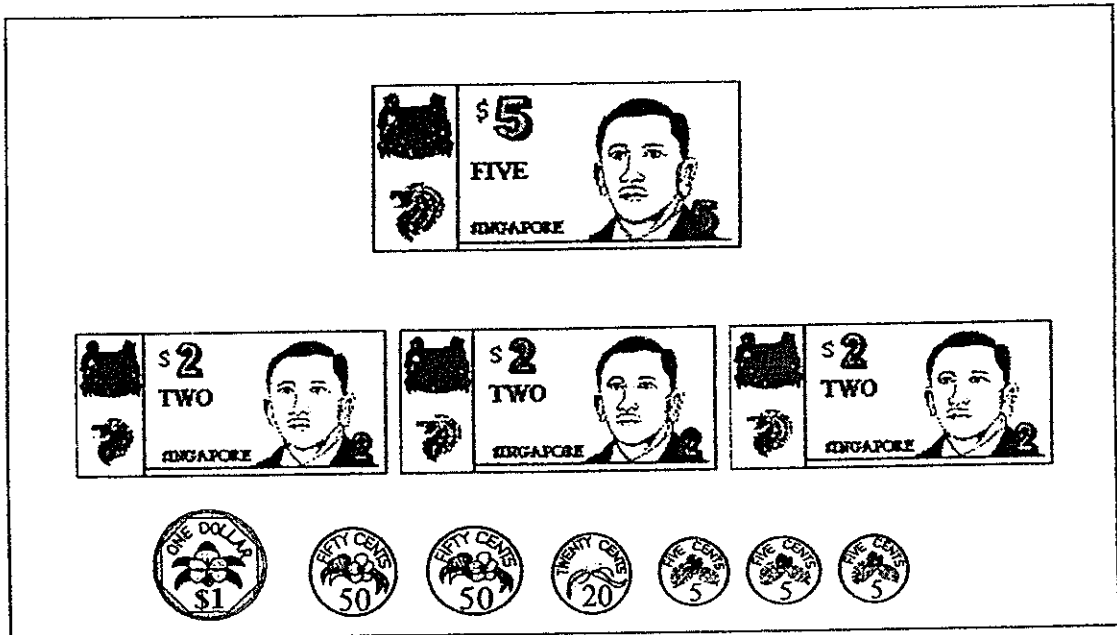
    How much more money would Ali need to buy the cake?

    (1) $13.35   (2) $15.35
    (3) $28.70   (4) $42.05   (   )

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 seven thousands. thirteen tens and five ones in numeral.

Answer : _____

22.   Arrange the following numbers below in **ascending** order.

6824 , 6842 , 6428 , 4826

_____ , _____ , _____ , _____

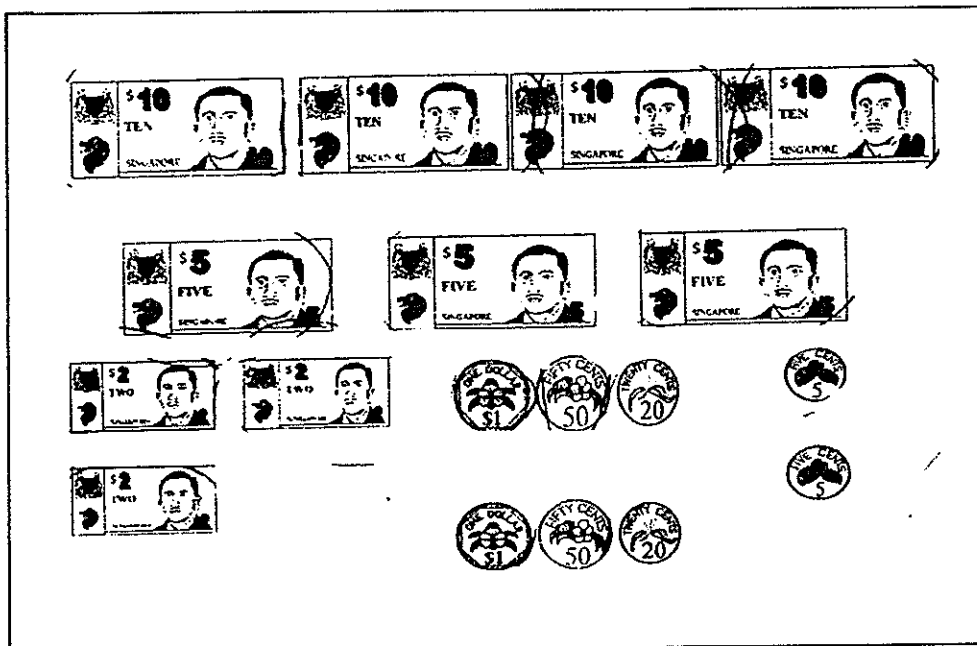23.   What is 5318 more than 51 tens?

Answer : _____

24.   6 children form a team to take part in a competition.
       How many children are there in 102 such teams?

Answer : _____

25. A pair of soccer boots cost $125.
   How much did Mr Tan pay for 9 such pairs of soccer boots?

   Answer: $ _____

26. Tony paid $63.75 for a toy train.
   Circle in the figure below the amount of money he had paid.

27. Fill in the missing digits in the boxes below.

```
      7    6  [   ]   2
  +        2    3  [   ]
  ─────────────────────
      7    8    8    0
```

28. Hall A had 1368 chairs.
    It had 703 fewer chairs than Hall B.
    What was the total number of chairs in both halls?

Answer : _____

29. Liying and Sufia had an equal number of stamps.
    Liying bought another 300 stamps and Sufia gave away 252 stamps.
    After that, Liying had five times as many stamps as Sufia.
    How many stamps did Sufia have in the end?

Answer : _____

30. Study the pattern below carefully.
    What is the missing number in the box?
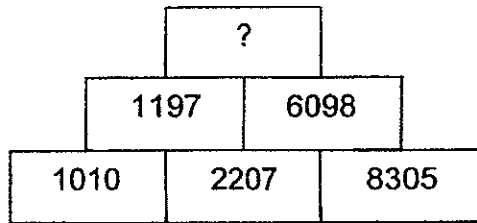
Answer : _____

31. There were 107 girls and 31 boys in the choir.
    The teacher arranged 6 children to form a group.
    How many groups were formed?

Answer : _____

32. There are 340 guests attending Mrs Choo's party.
    Each table can sit 7 people.
    What is the least number of tables needed for all the guests?

Answer : _____

9

33. Mr Bala is 27 years older than his son.
His age is four times the age of his son.
What is their total age?

Answer : _____

34. Gerald has $124.
Matthew has $56.65 less than William but $80.75 more than Gerald.
How much does William have?

Answer : $ _____

35. There were 8700 people watching a concert.
There were 3689 children and the rest were adults.
How many more adults than children were there?

Answer : _____

36. Mrs Kumar had a bag of 381 sweets.
She gave 9 sweets to each child and was left with 3 sweets.
How many children were there in her class?

Answer : _____

37. I am thinking of a number between 20 and 50.
When I divide it by 4, it has a remainder of 3.
The sum of the digits in the number is 12.
What is the number?

Answer : _____

38. Mrs Chong and Mrs Wong spent a total of $678 during a trip to Malaysia.
Mrs Chong spent five times as much as Mrs Wong.
How much more did Mrs Chong spend than Mrs Wong?

Answer : $ _____

39. At a carnival, Mr Samy gave out 3 small toys for every 8 balls thrown into the hole.
John received 18 small toys.
How many balls did John throw into the hole?

Answer : _____

40. The numbers in the squares are related in a similar way.
    Find the missing number in the bracket.

4	5
11	9

6	3
10	8

2	7
8	( )

3	5
6	9

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. A company has 3568 people.
    1529 people are married.
    1420 women are not married.
    How many men are not married?

12

42. Oscar bought a dining table and 7 similar chairs for $1215.
The table cost twice as much as a chair.
Find the cost of the table.

43. Angeline sold 500 cheese cakes on Monday.
She sold 134 fewer cheese cakes on Tuesday.
She sold thrice as many cheese cakes on Tuesday than on Wednesday.
Each cheese cake was sold for $8.
How much money did she collect from selling the cheese cakes on Wednesday?

44. Wei Li has 58 $2 notes and $5 notes altogether.
The total value of all the money is $164.
How many $5 notes does Wei Li have?

45. Lisa has a sum of money at first.
After Ella gives her $294, Lisa has $960.
Ella now has $200 less than Lisa after giving her the money.
How much money does Ella have at first?

LEVEL   : PRIMARY 3
SCHOOL   : NANYANG
SUBJECT : MATHS
TERM   : SA*I*

Section A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	4	2	1	4	3	4	2	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	4	4	2	4	4	1	2	2

Section B

Q21   7135

Q22   4826, 6428, 6824, 6842

Q23   5828

Q24   612

Q25 $1125

Q26

Q27
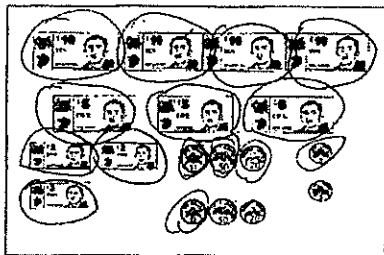
Q28   3439

Q29   138

Q30   4901

Q31   23

Q32   49

Q33   45

Q34 $261.40

Q35   1322

Q36   42

Q37   39

Q38 $452

Q39   48

Q40   6

Section C

Q41   3568 – 1529 = 2039
       2039 – 1420 = **619**

Q42 $1215 ÷ 9 = $135
       $135 X 2 = **$270**

Q43   500 – 139 = 366
       366 ÷ 3 = 122
       122 X $8 = **$976**

Q44   Assume all are $2 notes
       58 x $2 = $116
       $164 - $116 = $48
       $5 -$2 = $3
       $48 ÷ 3 = **16** ($5 notes)

Q45 $960 - $200 = $760
       $760 + $294 = **$1054**