



NANYANG PRIMARY SCHOOL
FIRST SEMESTRAL EXAMINATION
2012

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

| | |
|------------------|-------------|
| Section A | / 40 |
| Section B | / 40 |
| Section C | / 20 |

| |
|----------------------------|
| Total: - / 100 |
|----------------------------|

Name: _____ ()

Class: Primary 3 ()

Date: 14 May 2012

Parent's Signature: _____

Any query on marks awarded should be raised by 21 May 2012. 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.

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. 3690 has the same value as _____.

- | | |
|---------------------------|---------------------------|
| (1) 3 hundreds + 69 tens | (2) 36 hundreds + 9 ones |
| (3) 3 thousands + 69 tens | (4) 30 hundreds + 69 ones |

2. In which of the following numbers, does the digit 9 have the value of 900?

- | | |
|----------|----------|
| (1) 1987 | (2) 2597 |
| (3) 8149 | (4) 9148 |

3. Find the sum of 3384 and 5615.

- | | |
|----------|----------|
| (1) 2231 | (2) 8935 |
| (3) 8963 | (4) 8999 |

4. Find the product of 61 and 8.

- | | |
|---------|---------|
| (1) 148 | (2) 488 |
| (3) 568 | (4) 688 |

5. _____ is 6100 more than 104 tens.

- (1) 5060
- (3) 6204

- (2) 5996
- (4) 7140

6. There were 5843 mangoes in a stall.
1612 mangoes were sold by the end of the day.
How many mangoes were left in the stall?

- (1) 4213
- (3) 4231

- (2) 4222
- (4) 5455

7. Study the table below and find the value of A.

| | | | | |
|----|----|----|-------|-----|
| 6 | 7 | 8 | | 135 |
| 54 | 63 | 72 | | - A |

- (1) 126
- (3) 915

- (2) 144
- (4) 1215

8. Jane had \$7.50 in her pocket.
She then lost \$0.50 on her way to school.
How much money did she have left?

- (1) 70¢
- (3) 700¢

- (2) 80¢
- (4) 800¢

9. Mr Lim spent \$3454 and Mrs Lim spent \$1312.
How much did they spend in all?

- | | | | |
|-----|--------|-----|--------|
| (1) | \$4775 | (2) | \$4766 |
| (3) | \$4856 | (4) | \$4865 |

10. There were 2743 pupils in a stadium.
If there were 1547 girls in the stadium, how many fewer boys than girls
were there?

- | | | | |
|-----|------|-----|------|
| (1) | 351 | (2) | 451 |
| (3) | 1196 | (4) | 4290 |

11. What is the missing number in the number pattern?

2758, 2508, 3008, , 3258, 3008, 3508

- | | | | |
|-----|------|-----|------|
| (1) | 2758 | (2) | 2858 |
| (3) | 3108 | (4) | 3158 |

12. Ahmad bought 7 boxes of cookies.
There were 27 cookies in each box.
How many cookies were there in total?

- | | | | |
|-----|-----|-----|-----|
| (1) | 20 | (2) | 34 |
| (3) | 149 | (4) | 189 |

13. 3 classes of pupils donated some money to an old folks' home. There were 30 pupils in each class and each pupil donated \$10. How much money did the pupils donate to the old folks' home?

- | | |
|-----------|-----------|
| (1) \$30 | (2) \$90 |
| (3) \$300 | (4) \$900 |

14. Kumar has 648 marbles. He puts them equally into 8 containers. How many marbles are there in each container?

- | | |
|---------|----------|
| (1) 61 | (2) 81 |
| (3) 656 | (4) 5184 |

15. Zhuo Ye bought a fan for \$37.65. He gave the cashier \$50. How much change would he receive from the cashier?

- | | |
|-------------|-------------|
| (1) \$12.35 | (2) \$12.45 |
| (3) \$13.35 | (4) \$23.45 |

16. Samson's father gave him \$90.75. He saved \$25.50 and spent the rest. How much money did he spend?

- | | |
|-------------|--------------|
| (1) \$65.25 | (2) \$75.25 |
| (3) \$76.25 | (4) \$116.25 |

17. A camera costs \$1193 less than a computer.
If the camera costs \$2854, how much does the computer cost?

(1) \$1661 (2) \$3047
(3) \$3947 (4) \$4047

18. Farmer A has 296 chickens in his farm.
Farmer B has 644 more chickens than Farmer C.
If Farmer C has 586 chickens, how many chickens do Farmer A and Farmer B have altogether?

(1) 882 (2) 1230
(3) 1526 (4) 1816

19. Ali has 3 times as many magazines as Bala.
Charlie has twice as many magazines as Ali.
If Ali has 48 magazines, how many magazines do they have in total?

(1) 16 (2) 144
(3) 160 (4) 480

20. Miao Li had a sum of money at first.
After spending \$25 on a sweater and receiving \$50 from her father, she had \$200 in her purse.
How much money did she have at first?

(1) \$125 (2) \$175
(3) \$275 (4) \$375

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 8014 in words.

Answer : _____

22. Arrange the following numbers in ascending order.

1774, 1477, 1714, 1741

Answer : _____

23. Using the digits given below, form the largest 4-digit even number. (Use each digit once only)

1 , 7 , 4 , 3 , 8

Answer : _____

24. What is the missing number?

$$\boxed{?} - 487 = 1907$$

Answer : _____

25. What is the missing digit?

$$\begin{array}{r} 21\boxed{?}9 \\ + 6018 \\ \hline 8147 \end{array}$$

Answer : _____

26. A chicken cost \$9.75.
The chicken cost \$3.85 more than a bottle of cooking oil.
What was the cost of the bottle of cooking oil?

Answer : \$ _____

27. Jenny wanted to buy a guitar.
She had \$409 and needed another \$686 more to buy the guitar.
How much did the guitar cost?

Answer : \$ _____

28. There were 2434 residents in Town A.
There were 5576 residents in Town B.
How many more residents were in Town B than Town A?

Answer : _____

29. A furniture shop had 8 similar bedroom sets.
All the bedroom sets were sold at \$711 each.
How much did the shop collect?

Answer : \$ _____

30. Samuel had 576 stickers.
He gave the stickers equally to his 6 nephews.
How many stickers did each nephew get?

Answer : _____

31. Jiali bought 2 electric kettles in shop A for \$27.40 each.
Lily bought 2 of the same electric kettles in shop B for \$25 each.
How much more money did Jiali pay for the 2 kettles than Lily?

Ans: \$ _____

32. There are 877 guests at a wedding.
There are 9 seats at each table.
What is the minimum number of tables needed to sit all the guests?

Answer : _____

33. There were 927 pupils attending a camp.
The pupils were divided equally into groups of 7
How many pupils did not belong to a group?

Answer : _____

34. Mr Lee sold 894 books in a week.
He sold 206 more books than Mr Ho in that week.
How many books did Mr Lee and Mr Ho sell in all?

Answer : _____

35. Sally bought 561 stamps on Monday.
She bought 153 more stamps on Tuesday than on Monday.
How many stamps did she buy on both days?

Answer : _____

36. Alif bought 13 boxes of chocolates.
There were 9 chocolates in each box.
He repacked them equally into bags of 3 chocolates.
How many bags did he need?

Answer : _____

37. A packet of popcorn cost \$18.
Janet bought 15 packets of popcorn and Kelvin bought 6 packets of popcorn.
How much more money did Janet spend on the popcorn than Kelvin?

Ans: \$ _____

38. There are a total of 317 red and blue ribbons.
There are 69 more blue ribbons than red ribbons.
How many red ribbons are there in the box?

Answer : _____

39. The cost of a pen and a pencil is \$2.50.
The cost of 2 such pens is the same as the cost of 3 such pencils.
What is the cost of 5 such pencils?

Answer : \$ _____

40. Sally had some jars with 18 marbles in each of them. She then used a total of 24 marbles to increase the number of marbles in each jar by 4. What was the total number of marbles she had in the end?

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. Justin and Richard had 2073 bookmarks.
Maverick had 884 fewer bookmarks than Justin.
If Richard had 414 bookmarks, how many bookmarks did Maverick have?

42. Agnes, Belinda and Cindy had 516 books.
Agnes had twice as many books as Belinda.
Cindy had 40 books fewer than Belinda.
How many books did Cindy have?

43. 9 boys and 4 girls spent \$379.50 altogether.
6 of the boys spent a total of \$234.50 and the remaining boys spent \$15 each.
How much did each girl spend if all the girls spent the same amount of money?

44. Study the following figures carefully.

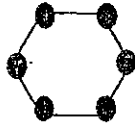


Figure 1

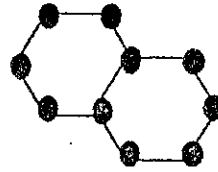


Figure 2

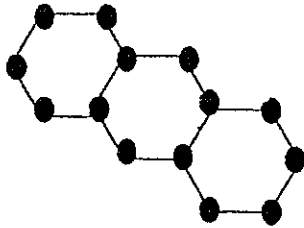


Figure 3

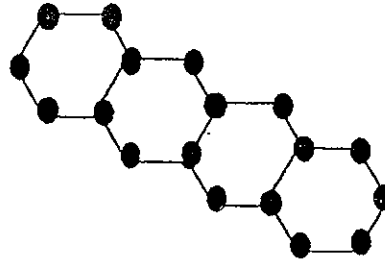


Figure 4

a) Complete the table below.
How many dots will there be in Figure 6?

| | | |
|----------------|---|----|
| Figure | 1 | 2 |
| Number of dots | 6 | 10 |

There are _____ dots in Figure 6.

b) Which Figure will have 54 dots?

45. Mrs Ang had some sweets.
She gave an equal number of sweets to each of her 3 friends, Miss Belinda, Miss Chandra and Miss Damai, and had 205 sweets left.
Miss Belinda then gave away all her sweets to 45 pupils.
Each pupil received 4 sweets each.
How many sweets did Mrs Ang have at first?

☺ *End of Paper* ☺
Please Check Carefully



ANSWER SHEET

EXAM PAPER 2012

SCHOOL : NANYANG PRIMARY SCHOOL

SUBJECT : PRIMARY 3 - MATHEMATICS

TERM : SA 1

SECTION A

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

| Q17 | Q18 | Q19 | Q20 |
|-----|-----|-----|-----|
| 4 | 3 | 3 | 2 |

SECTION B

21. Eight thousand and fourteen
22. 1477, 1714, 1741, 1774
23. 8734
24. 2394
25. 2
26. \$5.90
27. \$1095
28. 3142
29. \$5688
30. 96
31. \$4.80
32. 98
33. 3
34. 1582
35. 1275
36. 39
37. 162
38. 124
39. \$5
40. 132

SECTION C

41. $2073 - 414 = 1659$
 $1659 - 884 = 775$
Maverick has 775 bookmarks.

42. $516 + 40 = 556$
 $556 \div 4 = 139$
 $139 - 40 = 99$
Cindy has 99 books.

43. $9 - 6 = 3$
 $3 \times \$15 = \45
 $\$234.50 + \$45 = \$279.50$
 $\$379.50 - \$279.50 = \$100$
 $\$100 \div 4 = \25
Each girl spends \$25.

44. a)

| | | | | | | | | | | |
|----------------|---|----|----|----|----|----|----|----|----|----|
| Figure | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Number of dots | 6 | 10 | 14 | 18 | 22 | 26 | 30 | 34 | 38 | 42 |

There are 26 dots in Figure 6.

b) Figure 13 will have 54 dots.

45. $45 \times 4 = 180$
 $3 \times 180 = 540$
 $540 + 205 = 745$
Mrs Ang had 745 sweets at first.