MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 3 MATHEMATICS

14 MAY 2019

BOOKLET A

17 questions

30 marks

Total time for Booklets A and B: 1 h 45 min

NAME :_____( )

CLASS : PRIMARY 3 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

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SECTION A: 30 marks

Questions 1 to 4 carry 1 mark each. Questions 5 to 17 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 correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1. In 5678, the digit _____ is in the hundreds place.

   (1) 5
   (2) 6
   (3) 7
   (4) 8

2. 7800 is the same as _____.

   (1) 78 ones
   (2) 78 tens
   (3) 78 hundreds
   (4) 78 thousands

3. 6 eights = _____.

   (1) 6 + 8
   (2) 8 + 8 + 8 + 8 + 8 + 8
   (3) 6 x 6 x 6 x 6 x 6 x 6 x 6 x 6
   (4) 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6

4. $1000 is made up of _____ $50-notes.

   (1) 10
   (2) 20
   (3) 50
   (4) 100

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5. Which one of the following set of numbers is arranged from the smallest to the greatest?

(1) 1418, 1430, 1425, 1489

(2) 5837, 5904, 5846, 5973

(3) 7270, 7216, 7168, 7105

(4) 8216, 8245, 8309, 8324

6. 4100 + 325 = 4000 + _____ + 20 + 5

(1) 125

(2) 300

(3) 325

(4) 400

7. 49 = _____ groups of 7 + 5 groups of 7

(1) 7

(2) 2

(3) 14

(4) 30

8. 8000 ÷ 4 = _____ tens

(1) 20

(2) 2

(3) 200

(4) 2000

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9. $486 + 254 = 920 -$ _____.

(1) 120
(2) 180
(3) 220
(4) 740

10. $\boxed{?} \div 8 = 4 \times 4$

(1) 8
(2) 32
(3) 64
(4) 128

11. David has 1024 Pokemon cards. He has 158 cards more than Shaun.
How many Pokemon cards does Shaun have?

(1) 866
(2) 934
(3) 1134
(4) 1182

12. Timmy has ten 20¢ coins and some 50¢ coins.
All these coins add up to $5.50.
How many 50¢ coins does Timmy have?

(1) 5
(2) 6
(3) 7
(4) 11

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13. Amelia bought a doll and a watch.
The doll cost $35 and it is $12.55 cheaper than the watch.
How much did she pay for both items altogether?

(1) $22.45
(2) $47.55
(3) $57.45
(4) $82.55

14. There were 140 apples in a crate. Jenny bought 6 crates of apples and another 65 apples. How many apples did Jenny buy altogether?

(1) 905
(2) 840
(3) 390
(4) 205

15. Luke has 217 stamps. He has 7 times as many stamps as Keith.
How many more stamps does Luke have than Keith?

(1) 186
(2) 210
(3) 1302
(4) 1519

16. There are 42 passengers on Bus A and 18 passengers on Bus B.
How many passengers must be transferred from Bus A to Bus B so that there is an equal number of passengers on both buses?

(1) 12
(2) 21
(3) 24
(4) 30

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17. Ahmad used three types of shapes, ■, ● and ▲ to make a pattern. The first 12 shapes are shown below.



1st 12th

Ahmad used a total of 48 shapes to make the pattern. How many ● did he use?

(1) 12
(2) 16
(3) 24
(4) 32

End of Booklet A

Go on to Booklet B

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MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 3 MATHEMATICS

14 MAY 2019

BOOKLET B

23 questions

50 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____( )

CLASS : PRIMARY 3 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

MARKS OBTAINED :

BOOKLET A: _____ / 30

BOOKLET B: _____ / 50

TOTAL : _____ / 80

Parent's Signature: _____

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SECTION B (32 marks)

Questions 18 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each.
Show your workings clearly in the space provided for each question and write your answers in the blanks provided. For questions which require units, give your answers in the units stated.

18. In 6192, the value of the digit **6** is _____.

Answer: _____

19. Write eight thousand, five hundred and three in numerals.

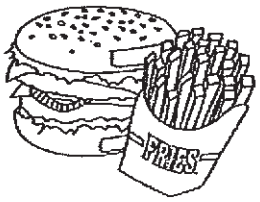
Answer: _____

20. Use all the digits below to form the smallest 4-digit odd number.

2	1	6	5

Answer: _____

21. Samuel had **$10**. He bought the set meal below and received $2.85 change. How much did he pay for the meal?



Answer: $ _____

4

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22. Susan puts 274 donuts in boxes. Each box can hold 6 donuts.
What is the least number of boxes she needs to pack all the donuts?

Answer: _____

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23. Trevor shaded some numbers to make a pattern but missed out 2 numbers.

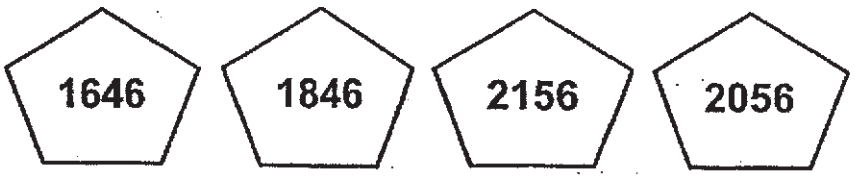
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

Which 2 numbers should Trevor shade in order to complete the pattern?

Answer: _____ and _____

---

24. Fill in the blanks using two of the numbers given below.



_____(a)_____ is 210 more than _____(b)_____.

Answer: (a) _____

(b) _____

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25. I am a number between 4000 and 5000.

- The digit in the hundreds place is 2.
- The digit in the ones place is 3 times the digit in the hundreds place.
- The digit in the thousands and tens place add up to 9.

What number am I?

Answer:_____

---

26. Study the number pattern below.

3488 , 3472 , 3457 , 3443 , **P** , **Q** , 3407

What are the numbers represented by P and Q?

Answer: P:_____

Q: _____

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27. The difference between two numbers is 186. The smaller number is 327. What is the bigger number?

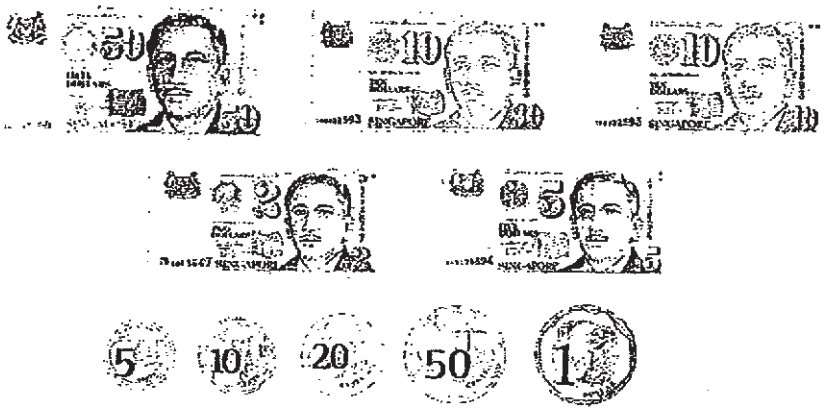
Answer: _____

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28. Choon Ming has the amount of money shown below.
How much money does he have?



Answer: $_____

---

29. There are 1300 children at a funfair. 540 of them are boys.
How many more girls than boys are there at the funfair?

Answer:_____

---

30. What is the missing number in the box?

$$\begin{array}{r} 4\ 6\ 2\ 9 \\ -\ 2\ \boxed{?}\ 9\ 5 \\ \hline 1\ 7\ 3\ 4 \\ \hline \end{array}$$

Answer: _____

6

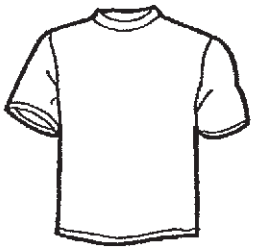
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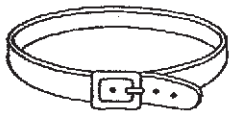
31. Study the pictures below carefully.



$58.40
Pants



$42.60
T-shirt



$57.40
Belt

Based on the information given, each statement below is either **True** or **False**.
For each statement, put a tick (✓) in the column to indicate your answer.

		True	False
a.	Tom spent $100. He bought the t-shirt and the pants.		
b.	Paul used six $10-notes to pay for the belt. He received $2.60 change.		

---

32. Janice prepares some goodie bags for her friends.
She puts 7 mini chocolate bars and 5 lollipops into each goodie bag.
She puts 120 lollipops into the goodie bags altogether.
How many mini chocolate bars does she put into the goodie bags altogether?

Answer: _____

4

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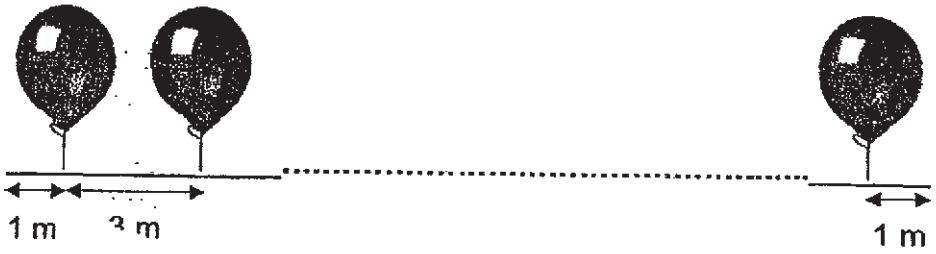
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33. When 3 boys share some marbles equally, each boy will get 48 marbles.
When 8 boys share these marbles equally, how many marbles will each boy get?

Answer: _____

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34. 8 balloons are tied to a piece of rope. They are placed 3 m apart from each other.
1 m of rope is left at each end of the rope. How long is the piece of rope?



Answer: _____ m

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35. There are a total of 12 cars and motorcycles in a car park.
They have 38 wheels altogether. How many cars are there in the car park?

Answer: _____

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SECTION C (18 marks)

Questions 36 and 37 carry 3 marks each. Questions 38 to 40 carry 4 marks each. For each of the questions below, show your number statements, workings and final statements clearly. For questions which require units, give your answers in the units stated.

Working Column

36. There are 6893 English books in a library.
The number of Chinese books is 253 less than the number of English books.
The number of Malay books is 106 less than the number of Chinese books.

How many Malay books are there in the library?

Answer:

3

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37. A dining table cost $175 more than a chair.
Mrs Sim bought 1 dining table and 6 such chairs for $658.
Find the cost of a chair.

Working Column

Answer: _____

3

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38. Baker Smith sold a total of 5000 cookies on Day 1 and Day 2.
He sold 2158 cookies on Day 1.
He sold 365 more cookies on Day 1 than on Day 3.

(a) How many cookies did he sell on Day 2?

(b) How many cookies did he sell on Day 3?

Working Column

Answer: (a) _____

(b) _____

4

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39. Daniel had 2 times as many stickers as Bill.
Eric had 3 times as many stickers as Daniel.
Eric had 450 stickers.

Working Column

(a) Eric pasted 8 stickers on each page of his sticker book.
How many stickers were on the last page he pasted?

(b) How many stickers did Bill have?

Answer: (a) _____

(b) _____

4

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40. Lisa, Tina and Susan have $420 altogether.
Tina has $5 less than Lisa.
Susan has 3 times as much money as Lisa.

(a) The $420 are made up of four $5-notes and the rest are $10-notes. How many $10-notes are there?

(b) How much money does Lisa have?

Working Column

Answer: (a) _____

(b) _____

4

End of Booklet B
Please check your work carefully.

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SCHOOL : MARIS STELLA PRIMARY SCHOOL

LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2019 SA1

BOOKLET A

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

BOOKLET B

Q18)	6000
Q19)	8503
Q20)	1265
Q21)	\$10 - \$2.85 = \$7.15
Q22)	46
Q23)	16 and 40
Q24)	2056 – 210 = 1846 (a) (b)
Q25)	4256
Q26)	Ans P : 3430 Q : 3418
Q27)	327 + 186 = 513
Q28)	\$78.85
Q29)	1300 – 540 = 760

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	760 – 540 = 220
Q30)	4629 – 2 8 95 = 1734
Q31)	a)False b)True
Q32)	120 ÷ 5 = 24 24 × 7 = 168
Q33)	48 × 3 = 144 144 ÷ 8 = 18
Q34)	21 + 2 = 23
Q35)	7
Q36)	6893 – 253 = 6640 6640 – 106 = 6534
Q37)	658 – 175 = 483 483 ÷ 7 = 69
Q38)	a)5000 – 2158= 2842 b)2158 – 365 = 1793
Q39)	a)450 ÷ 8 = 56 R2 b)450 ÷ 3 = 150 150÷ 2 = 75
Q40)	a)420 – 20 = 400 400 ÷ 10 = 40 b)420 + 5 = 425 425 ÷ 5 = 85

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