SINGAPORE CHINESE GIRLS' SCHOOL

SEMESTRAL ASSESSMENT 2018

PRIMARY 2

MATHEMATICS

Name : _____ (   )

Class : Primary 2 SY / C / G / SE / P / GR

	Marks attained	Max Mark
Section A		20
Section B		15
Section C		15
Total		50

Parent's Signature

Total Time : 1 h 30 min

INSTRUCTIONS TO CANDIDATES

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of _13_ printed pages. (Inclusive of cover page)

Questions 1 – 10 carry 1 mark each. Questions 11 – 15 carry 2 marks each.
For each question, 4 options are given. One of these is the correct answer.
Make your choice (1, 2, 3, 4). Shade the correct oval on the Optical Answer
Sheet (OAS).

1.   The value of the digit 3 in 630 is _____.

    (1)   30

    (2)   63

    (3)   3

    (4)   300

2.   Which of the following gives the same value as 475?

    (1)   4 + 75

    (2)   47 + 5

    (3)   40 + 75

    (4)   400 + 75

3.   590¢ + 20¢ = _____.

    (1) $0.61

    (2) $6.10

    (3) $61.00

    (4) $592.00

4.   3 groups of 4 is the same as _____.

    (1)   3 + 3 + 3

    (2)   4 + 4 + 4

    (3) $3 \times 3 \times 3 \times 3$

    (4)   3 + 3 + 3 + 3

5. 8 [   ] 2 = 28 − 12

    (1)   +

    (2)   −

    (3)   ×

    (4)   ÷

6. Half an hour before 4.00 p.m. is _____.

    (1)   2.30 p.m.

    (2)   3.00 p.m.
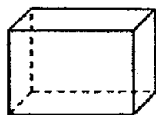
    (3)   3.30 p.m.

    (4)   4.30 p.m.

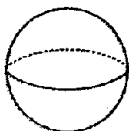7. Which solid has only 1 flat surface and 1 curved surface?
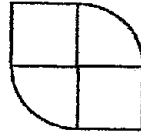
    (1)

    (2)

    (3)

    (4)

8. What are the shapes that make up the figure below?

(1) 2 semicircles

(2) 4 quarter circles

(3) 4 squares

(4) 2 quarter circles and 2 squares
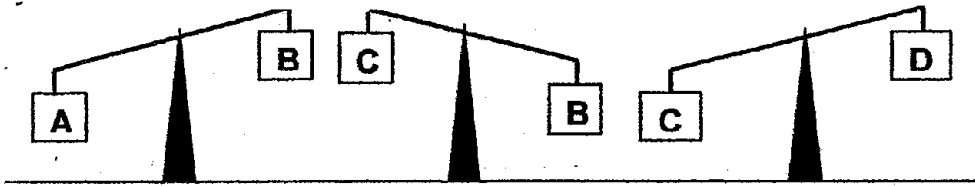
9. What is the missing shape in the pattern below?

(1) ▽

(2) D

(3) ⌒

(4) ◖

10. Cayla bought 80 stickers. She packed 10 stickers into each plastic bag. How many plastic bags did she use to pack all the stickers?
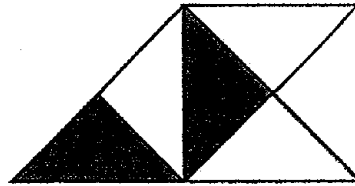
(1) 8

(2) 10

(3) 70

(4) 90

3

11. The picture below shows 4 boxes, A, B, C and D of different mass. Which box is the lightest?

(1) A

(2) B

(3) C

(4) D

12. What fraction of the figure is shaded?

(1) $\frac{2}{3}$

(2) $\frac{2}{5}$

(3) $\frac{2}{6}$

(4) $\frac{4}{6}$

4

13. Halimah made some cookies. She gave 116 cookies to her friends and her sons ate 36 cookies. If she had 285 cookies left, how many cookies did she have at first?

    (1) 80
    (2) 152
    (3) 249
    (4) 437

14. Mrs Mok baked a cake and cut it into 10 equal pieces.
    Her daughter ate $\frac{1}{10}$ of the cake.
    She gave 3 pieces of the cake to her mother.
    What fraction of the cake did she have left?

    (1) $\frac{4}{10}$

    (2) $\frac{6}{10}$

    (3) $\frac{7}{10}$

    (4) $\frac{9}{10}$

15. Mr Lim gave $20 to be shared equally among his 5 children.
    If 3 of his children decided to use all their money to buy some files at $2 per file, how many files did the 3 children buy altogether?

    (1) 12
    (2) 10
    (3) 6
    (4) 4

Questions 16 – 20 carry 1 mark each. Questions 21 – 25 carry 2 marks each. Write your answers in the blanks provided. All workings must be shown clearly.

16. What is a 3-digit **odd** number that can be formed with the digits 8, 3 and 6?
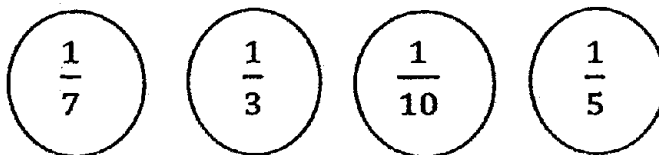
Ans: _____

17. Subtract 40 tens 15 ones from 600.

Ans: _____

18. Complete the following number pattern.

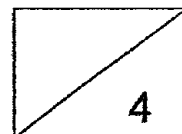| 123	118	113	?	103	98

Ans:_____

19. Arrange the fractions in order. Begin with the **smallest**.

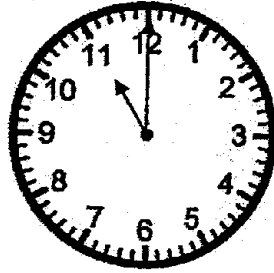$$\frac{1}{7} \qquad \frac{1}{3} \qquad \frac{1}{10} \qquad \frac{1}{5}$$

Ans:_____, _____, _____, _____,
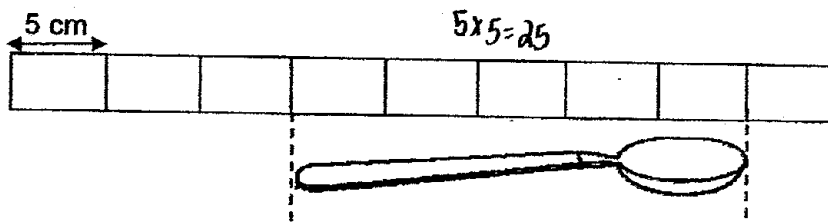   smallest

6

4

20. Callum spent 2 hours playing computer games. He started it at 11 a.m.
At what time did he finish playing computer games?
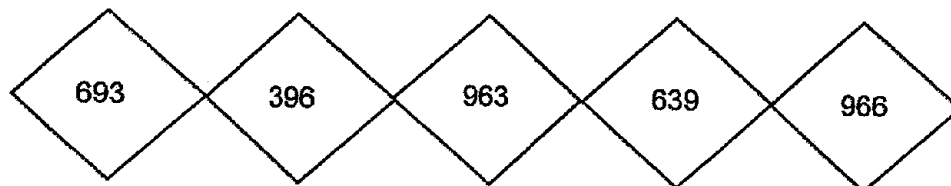Write the time in a.m. or p.m.

Ans:_____

21. Look at the diagram below.
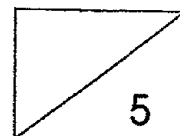What is the length of the wooden spoon?

5 cm

5x5=25

Ans: _____ cm

22. Arrange the numbers in order, beginning with the **greatest**.

693   396   963   639   966
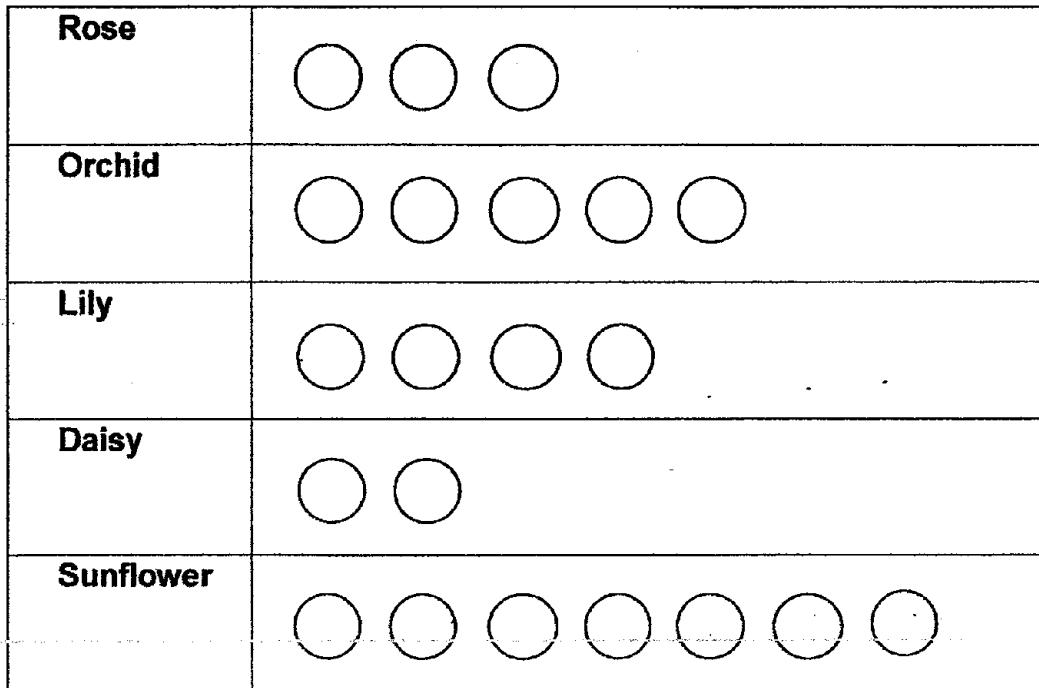
Ans : _____, _____, _____, _____, _____,
       greatest

7

5

23. Look at the graph below and answer questions 23(a) and 23(b).

The graph below shows the number of pupils who like each type of flowers.

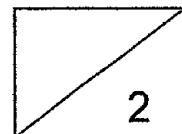| Rose	◯ ◯ ◯
Orchid	◯ ◯ ◯ ◯ ◯
Lily	◯ ◯ ◯ ◯
Daisy	◯ ◯
Sunflower	◯ ◯ ◯ ◯ ◯ ◯ ◯

(a) 10 pupils like orchids.

How many pupils does each ◯ stand for?

Ans:_____

(b) How many more pupils like sunflowers than roses?
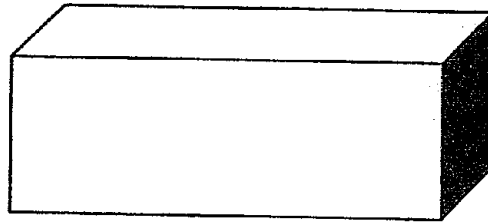
Ans:_____

2

24. Look at the pictures below and answer question 24.

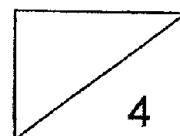Bottle (2 litres)   Tank (26 litres)

The tank can hold _____ more litres of water than 8 bottles of water.

Ans: _____

25. Ben had 27 eggs. He broke 12 eggs. He divided the remaining eggs equally among 3 children. How many eggs did each of them get?

Ans: _____

END OF SECTION B

Section C : (5 x 3 = 15 marks)

Questions 26 - 30 carry 3 marks each. All **working** must be clearly shown.

26. Devi has 160 hairclips.
    She has 35 fewer hairclips than Priya .
    How many hairclips do both of them have altogether?

    Both of them have _____ hairclips altogether.

27. Miss Tang bought 6 baskets of apples.
    There were 4 apples in each basket.
    All the apples were shared equally among 3 people.
    How many apples did each of them receive?

    Each of them received _____ apples.

6
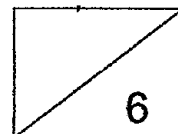
28. The mass of a bag is 580 g.
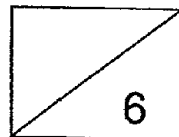A box is 146 g lighter than the bag but 259 g heavier than a book.
What is the mass of the book?

The mass of the book is _____ g.

---

29. Sarimah prepared some chicken pies.
She ate 12 of them and gave the remaining chicken pies to 5 friends.
Each friend had 6 chicken pies.
How many chicken pies did Sarimah prepare?

Sarimah prepared_____ chicken pies.

---

30. Mr and Mrs Chong take their 2 children to a concert.

Admission Ticket	
Adult	$20
Child	$12
Family Package	
1 Adult + 1 Child	$25

(a) If they buy separate admission tickets, how much will they pay in total?

They will pay $_____ for the admission tickets.

(b) If they buy the family package tickets, how much less do they pay?

They will pay $_____ less if they buy the family tickets.

<div style="text-align: right;">⬚ 3</div>
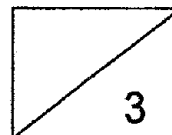
END OF PAPER
Please check your work.

ANSWER KEY

YEAR   :   2018
LEVEL   :   PRIMARY 2
SCHOOL :   SINGAPORE CHINESE GIRLS'
SUBJECT :   MATHEMATICS

SEMESTRAL ASSESSMENT

Section A

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

Section B

16)   683

17)   185

18)   108

19) $\dfrac{1}{10}$, $\dfrac{1}{7}$, $\dfrac{1}{5}$, $\dfrac{1}{3}$

20)   1 p.m.

21)   25 cm

22)   966 , 963 , 693 , 639 , 396

23)   (a) 2
         (b) 8

24)   10

25)   5

26) $160 + 35 = 195$
       $195 + 160 = 355$
       Both of them have <u>355</u> hairclips altogether.

27) $6 \times 4 = 24$
       $24 \div 3 = 8$
       Each of them received <u>8</u> apples.

28) $580 - 146 = 434$
       $434 - 259 = 175$
       The mass of the book is <u>175</u> g.

29) $5 \times 6 = 30$
       $30 + 12 = 42$
       Sarimah prepared <u>42</u> chicken pies.

30 a) $20 + 20 = 40$
       $12 + 12 = 24$
       $40 + 24 = 64$
       They will pay <u>$64</u> for the admission tickets.

  b) $25 + 25 = 50$
       $64 - 50 = 14$
       They will pay <u>$14</u> less if they buy the family tickets.

End