503 / CA1 / 4

# Anglo-Chinese School (Junior)

**CONTINUAL ASSESSMENT 1 (2015)**
**PRIMARY 5**

**MATHEMATICS**

**Tuesday** **3 March 2015** **1 hour 30 min**

**INSTRUCTIONS TO PUPILS**

**DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO**

Follow all instructions carefully.

There are 24 questions in this booklet.

Answer ALL questions.

You are <u>not</u> allowed to use a calculator.

**Name :** _____ ( )

**Class : 5.( )**

**Parent's Signature:**_____

| Section | Possible Marks | Marks Obtained |
|---|---|---|
| A | 10 | |
| B | 15 | |
| C | 25 | |
| Total | 50 | |

**This question paper consists of 14 printed pages. (Inclusive of cover page)**

**Optical Answer Sheet**

1

2

3

4

5

6

7

## Section A

Questions **1** to **4** carry 1 mark each. Questions**5** to **7** 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 (OAS). (10 marks)

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1. There are 435 500 books in a library. Express this number to the nearest thousand.

   1) 430 000
   2) 435 000
   3) 436 000
   4) 440 000

2. Find the value of $1 - \frac{2}{3} - \frac{1}{5}$.

   1) $\frac{1}{15}$
   2) $\frac{2}{15}$
   3) $\frac{8}{15}$
   4) $\frac{9}{15}$

3. The table shows the parking charges at a car park.

| | |
|---|---|
| 7.00 a.m. to 6.00 p.m. | \$1 per 30 min or part thereof |
| After 6.00 p.m. | \$0.50 per hour or part thereof |

Mr. Li parked his car from 4.40 p.m. to 7.30 p.m. How much did he pay?

1) \$3.50
2) \$4.50
3) \$3.00
4) \$4.00

4. Which one of the following numbers is the smallest?

1) 1.1
2) 1.01
3) 1.001
4) 1.101

5. Vera paid \$119 for 2 blouses and a skirt. Each blouse cost three times as much as the skirt. What was the total cost of a blouse and a skirt?

1) \$34
2) \$51
3) \$68
4) \$102



Sub-Total :

6. After selling 3kg of flour on Saturday and 4 kg of flour on Sunday, the grocer had 5 kg of flour left. What fraction of the total amount of flour did he sell on Sunday?

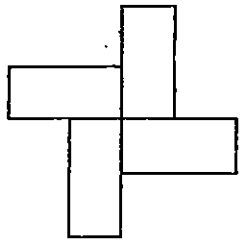
1) $\frac{5}{12}$

2) $\frac{7}{12}$

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

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

7. The figure below, not drawn to scale, is made up of 4 identical rectangles. The length of each rectangle is 23 cm and the width is 11 cm. Find the perimeter of the figure.



1) 173 cm

2) 184 cm

3) 272 cm

4) 280 cm



Sub-Total :

## Section B

Questions **8to12** carry 1 mark each.Questions **13 to 17** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.(15 marks)

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8. $128 \times (7 + 5) \div 6 - 13 =$ ☐

Answer : _____

9. $1\,020\,000 \div$ ☐ $= 1\,020 \times 10.$

Answer : _____

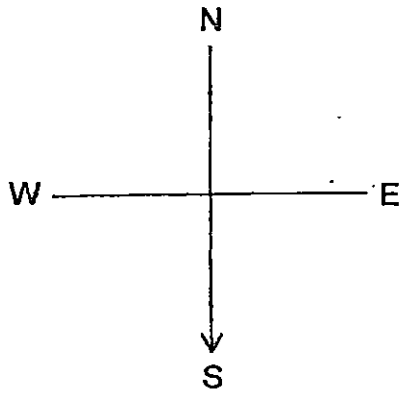
10. Find the value of $\frac{2}{3} + \frac{7}{8}$. Give your answer as a mixed number.

Answer : _____

11. Russell took 2 h 50 min to complete his homework. He completed his homework at 13 20. At what time did Russell start on his homework? (Give your answer in the 24-hour clock format.)

Answer : _____

12. Aminah is facing South. She makes a turn and is now facing West. If she turns in an anti-clockwise direction, how many right angles does she turn?




Answer : _____

13. There are 12 lamp posts lined up in a row and they are spaced out equally. The distance between the second lamp post and eighth lamp post is 510 m. What is the distance between the first and the last lamp post?

Answer : _____ m



Sub-Total : [ ]

14. Complete the number pattern below.

0.2, 0.4, 1.2, 4.8, _____, 144, 1 008.

Answer : _____

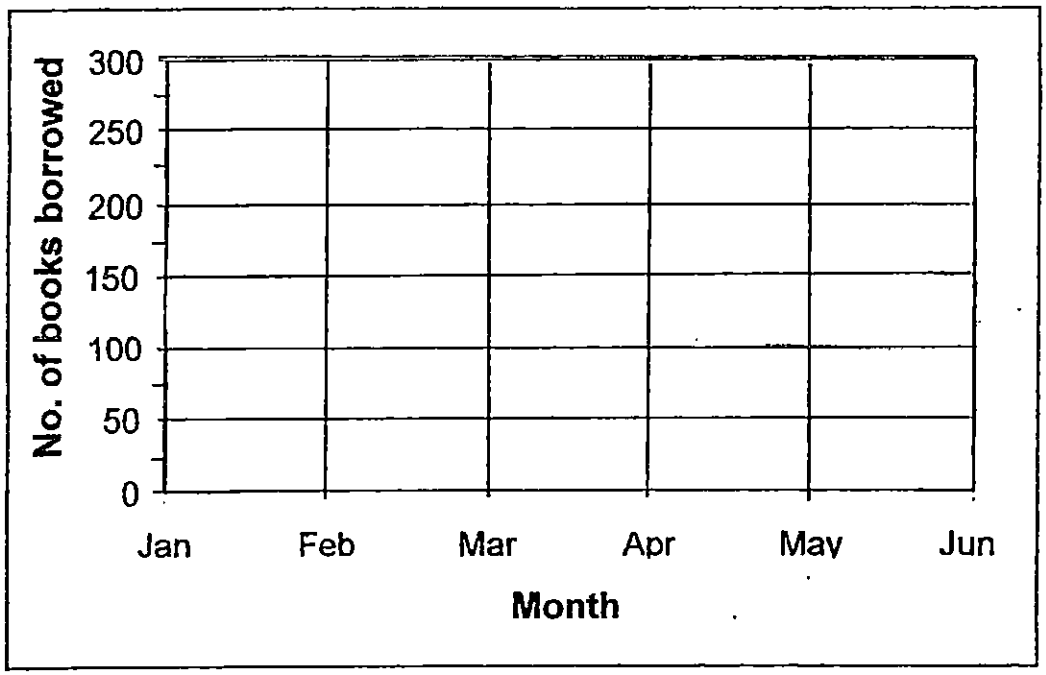
15. There were 920 people at a concert. For every 3 men, there were 2 women. How many men were there at the concert?

Answer : _____

16. The mass of a sack of rice was 3 kg. Mrs Siah gave $\frac{1}{2}$ of it to her neighbour and cooked $\frac{5}{6}$ kg of it for dinner. How much rice had she left? (Give your answer as a fraction in its simplest form.)

Answer : _____ kg

17. The line graph shows the number of books borrowed from the library from January to June. 75 of the total number of books borrowed in February and June were not returned to the library. What fraction of the total number of books borrowed in February and June were returned? (Give your answer in its simplest form.)




Answer : _____

## Section C

For questions **18** to **24**, show your working clearly question and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (25 marks)

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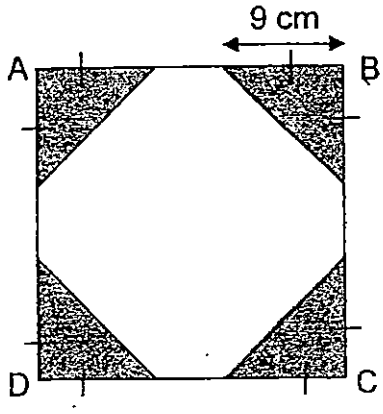
18. The mass of 4 tables is twice as much as 5 chairs. Given that the mass of 8 tables and 6 chairs is 650 kg, what is the mass of 1 chair?

Answer : _____ [3]

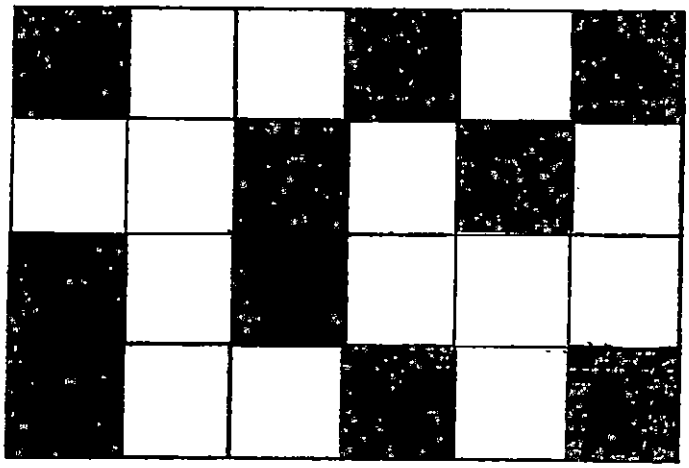
19. The figure below is made up of a square ABCD and 4 identical triangles. The perimeter of the square is 92 cm. Find the area of the unshaded part of the square.



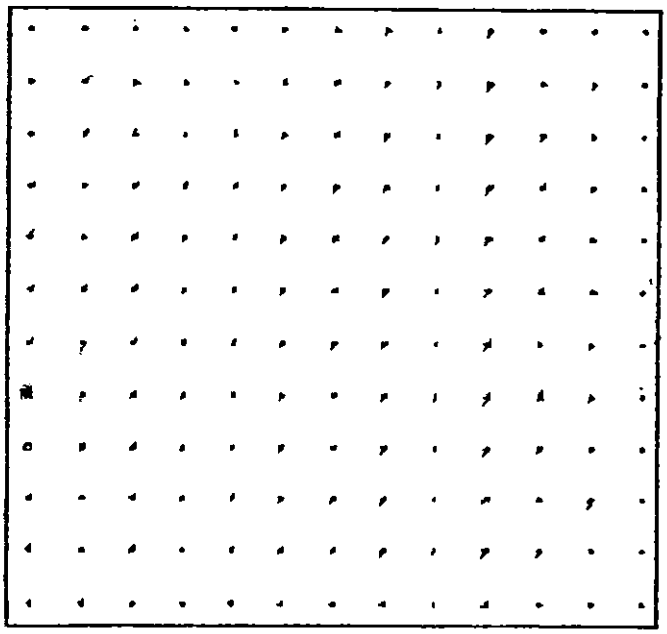

Answer : _____ [3]

 Sub-Total :

20. (a) The figure below is made up of squares. Shade **two** more squares so that the figure has a line of symmetry. [1]



(b) The pattern in the box shows part of a tessellation. Extend the tessellation by drawing **three** more unit shapes in the space provided in the box. [2]



21. Angelin and Joshua went shopping together with a total sum of $99. Angelin spent twice as much as Joshua. The amount of money Joshua had left was $12 more than what he had spent. He had twice as much money left as Angelin. How much did Joshua have at first?

Answer : _____ [4]

22. Three friends, Ali, Betty and Chin Seng had 144 stickers in all. Ali gave some stickers to Betty and Betty's stickers were doubled. Then Betty gave some of her stickers to Chin Seng and Chin Seng's stickers were doubled. In the end, the three friends had an equal number of stickers each. How many stickers did Ali have at first?

Answer : _____ [4]

23. The shirts sold in a shop are sorted into 4 sizes: large, medium, small and extra-small. $\frac{1}{3}$ of the shirts are large and $\frac{2}{9}$ of the shirts are medium. $\frac{3}{8}$ of the remaining shirts are small and the rest are extra-small. There are 126 more large-sized shirts than small-sized shirts. How many medium-sized shirts are there in the shop?

Answer : _____ [4]

24. Three bakeries sold the same number of cupcakes over the weekend. Delicious Bakery sold $\frac{3}{4}$ of its cupcakes. Fantastic Bakery sold $\frac{2}{3}$ of its cupcakes and Yummy Bakery sold $\frac{1}{2}$ of its cupcakes. They had a total of 870 cupcakes at first. How many cakes did each bakery sell?

Answer : _____ [4]

**End of Paper**

**EXAM PAPER 2015**

**LEVEL : PRIMARY 5**
**SCHOOL : ANGLO – CHINESE SCHOOL (JUNIOR)**
**SUBJECT : MATHS**
**TERM : CA1**

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 2 | 4 | 3 | 3 | 3 | 2 | | | |

Q8. 128 x 2 = 256 256 – 13 = 243 ANS:: 243

Q9. 1020 X 10 = 200 ANS : 100

Q10.

$\frac{2}{3} = \frac{16}{24}$

$\frac{7}{8} = \frac{21}{24}$

$\frac{37}{24} = 1\frac{13}{24}$ ANS : $1\frac{13}{24}$

Q11. ANS : 1030hr

Q12 . ANS : 3 right angles

Q13.
6 gaps → 510M
1 gap → 510 ÷ 6 = 85
11 gaps → 11 x 85 = 935 ANS : 935m

Q14. 1008 – 144 = 864 3.6 x 4 = 144 ANS : 144

Q15.
1 set → 3+ 2 = 5
? sets → 920 ÷ 5 = 184
Men → 184 x 3 = 552 ANS : 552 men

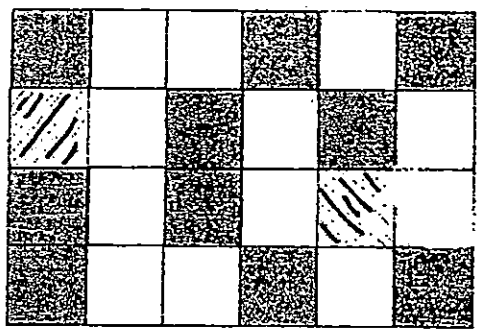
Q16. 3 x ½ = 1½ 1½ - ⅚ = ⅔ ANS : ⅔

Q17
275 + 250 = 525
525 – 75 = 450
450 ÷ 25 = 18 ÷ 3 = 6
525 ÷ 25 = 21 ÷ 3 = 7 ANS : 6/7

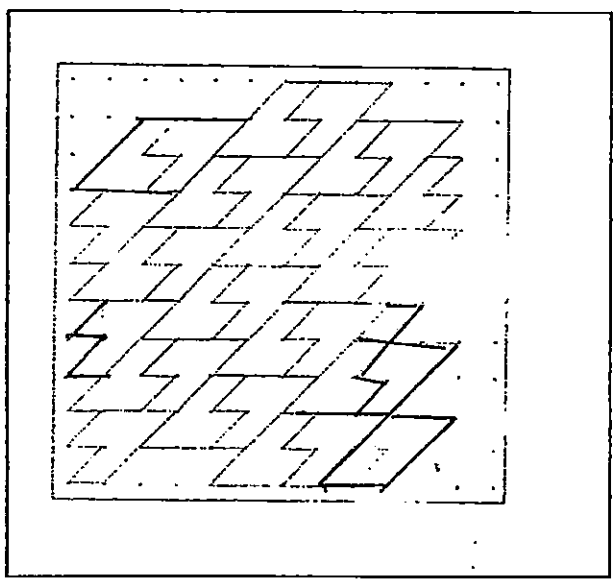
Q18
4 tables
10 chairs
8 tables
20 chairs + 6 chairs = 650kg
1 chair → 650 ÷ 26 = 25kg. ANS: 25kg

Q19
92 ÷ 4 = 23 (1 side of square )
23 x 25 = 529 (area of square )
4 small triangles → 2 squares
9 x 9 x 2 = 162
529 – 162 = 367cm³ ANS: 367cm²

Q20a. SEE PICTURE



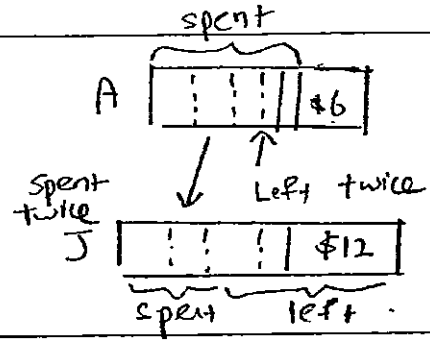
Q20b. SEE PICTURE



Q21 SEE PICTURE

99 – 12 – 6 = 81
9U ➔ 81
1U ➔ 9
9 X 4 + 12 = $48

ANS : $48




Q22.
144 ÷ 3 = 48
48 ÷ 2 = 24 (C S before he received from B)
48 + 24 = 72 (B before she gave to CS)
72 – 2 = 36 (B before she gave to A)
48 + 36 = 84 ANS : 84

Q23.
3U ➔ 126
1U ➔ 126 ÷ 3 = 42
4U ➔ 4 x 42 = 168 ANS: 168 medium – sized shirts

Q24.
Total 29 units
29U ➔ 870
1U ➔ 30
6U ➔ 6 x 30 = 180 ANS : 180