

Anglo-Chinese School (Junior)



CONTINUAL ASSESSMENT 2 (2015) PRIMARY 5 MATHEMATICS

Tuesday

25 August 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 not 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 13 printed pages. (Inclusive of cover page)

Optical Answer Sheet

1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

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)

1. In 73.69, what does the digit 6 stand for?

- 1) 6 ones
- 2) 6 tens
- 3) 6 tenths
- 4) 6 hundredths

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2. Peter has $\frac{2}{3}$ kg of sugar. He places all the sugar into 6 bags equally.

What is the mass of each bag of sugar?

1) $\frac{1}{18}$ kg

2) $\frac{1}{9}$ kg

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

4) 4 kg

3. The total points scored by 3 girls and a boy in a game was 156. The boy scored 42 points. What was the average points scored by the 3 girls?

1) 30

2) 38

3) 39

4) 52

4. There are 36 people in a baking class. There are 9 men and the rest are women. What percentage of the people are women?

1) 25%

2) 33%

3) 50%

4) 75%

5. Find the value of $65 - 3 \times (12 \div 4) + 14$.

- 1) 14
- 2) 42
- 3) 70
- 4) 200

6. Glenn is 16 years old and his father is three times as old as he is. In how many years' time will the ratio of Glenn's age to his father's age be 1 : 2?

- 1) 8
- 2) 16
- 3) 24
- 4) 32

7. A mug has a capacity of 500 ml. A jug has a capacity of 1.05 l. What is the total capacity of 3 mugs and 2 jugs?

- 1) 1 710 ml
- 2) 1 800 ml
- 3) 3 600 ml
- 4) 4 500 ml

Section B

Questions 8 to 12 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)

8. Arrange the following from the largest to the smallest.

9.9 9.09 9.99 9.909

Answer : _____

9. The number below is a 4-digit number. It is a multiple of 6. What is the largest possible digit in the blank space?

3	2	5	?
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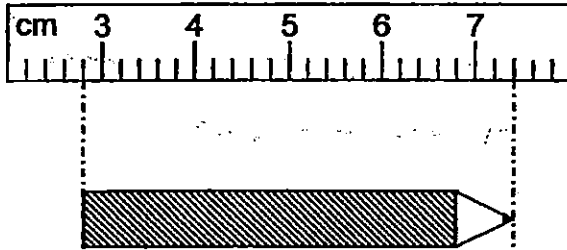
Answer : _____

10. $\frac{1}{7}$ of a number is 60. What is $\frac{1}{5}$ of the number?

Answer : _____

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11. Russell used a ruler to measure the length of a pencil. What is the length of the pencil?



Answer : _____ cm

12. A florist sold $\frac{5}{8}$ of her flowers on Mother's Day. What percentage of the flowers were unsold?

Answer : _____ %

13. Find the product of 40 tens and 48 tenths.

Answer : _____

14. Ali and Baba shared the total cost of a present. Ali paid $\frac{3}{8}$ of the cost of the present. Given that Baba paid \$28 more than Ali, how much was the cost of the present?

Answer : \$ _____

15. A repeated pattern is formed using the numbers 1 and 2. The first 15 numbers are shown below.

1 2 1 2 2 1 2 1 2 2 1 2 1 2 2
1st 2nd 3rd

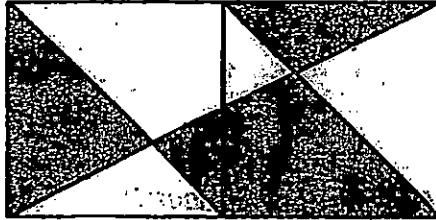
What is the sum of the first 50 numbers?

Answer : _____

16. Luke has 3 times as many Star Wars figurines as Anakin. Luke has 26 more Star Wars figurines than Anakin. Find the average number of Star Wars figurines of the two boys.

Answer : _____

17. The figure is made up of two identical squares. What percentage of the figure is shaded?



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)

18. The table shows the rate of charges for each overdue book borrowed from the school library.

For the first 3 days	5 cents per day
From the 4 th day onwards	10 cents per day

Jenny borrowed 3 books from the library. All the books were overdue for 6 days. How much did she pay for the overdue books?

Answer : _____ [3]

19. At a concert, the ratio of the number of adults to the number of children was 9 : 4. The ratio of the number of men to the number of women was 1 : 2. There were 36 more women than children. How many people attended the concert?

Answer : _____ [3]

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20. Mrs Suresh wanted to buy 7 kg of rice but was short of \$9.30. Then she bought 4 kg of rice and had \$6 left. Find the cost of 1 kg of rice.

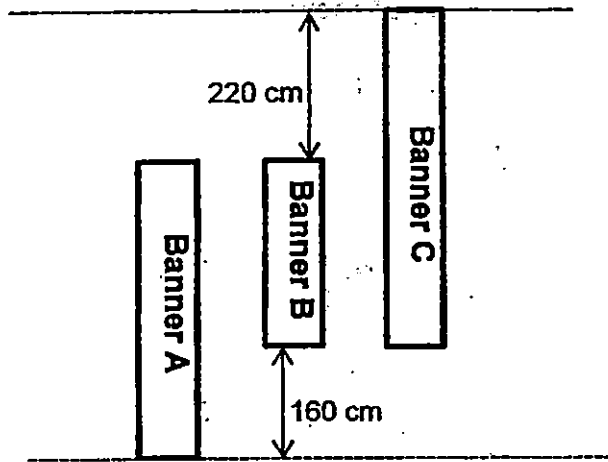
Answer: _____ [3]

21. There were 16 boys and 8 girls in a class. A teacher gave an equal number of stickers to each child. When all the girls gave $\frac{1}{3}$ of their stickers to all the boys, each boy received 3 stickers more. How many stickers did each child receive at first?

Answer : _____ [4]

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22. The figure below shows 3 banners. The total length of the 3 banners is 578 cm. Find the length of Banner C in cm.



Answer : _____ [4]

23. Jack gets \$8 more allowance than Jill each week. Every week, each of them spends \$36 on food and saves the rest. When Jack saves \$108 Jill saves \$60.
- a) How many weeks does Jack take to save \$108?
 - b) How much allowance does Jack get each week?

Answer : a) _____ [2]

b) _____ [2]

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24. The table below shows the number of toy cars collected by each boy in a group. There are 22 boys in the group. One of the numbers in the table is covered by an ink blot.

Number of toy cars collected by each boy	0		9
Number of boys	2	8	12

The average number of toy cars collected by the boys in the group is 6.

- a) What is the total number of toy cars collected by all the boys?
b) What is the number covered by the ink blot?

Answer : a) _____ [1]

b) _____ [3]

End of Paper



EXAM PAPER 2015

LEVEL : PRIMARY 5

SCHOOL : ANGLO CHINESE SCHOO (JUNIOR)

SUBJECT : MATHEMATICS

TERM : CA2

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

Q8. 9.99, 9.909, 9.9, 9.09

Q9. 8

Q10. 84

Q11. 4.6cm

Q12. 37.5% → Unsold $1 - \frac{5}{8} = \frac{3}{8}$, $\frac{3}{8} \times 100\% = 37.5\%$

Q13. 1920 → $400 \times 4.8 = 3260 + 1920$

Q14. \$112 → $\frac{2}{8} \rightarrow \28 , $\frac{1}{8} \rightarrow \$28 \div 2 = \$14$, $\frac{8}{8} \rightarrow \$4 \times 8 = \$112$

Q15. 80

1 set → 5 numbers,

1 set → $1+2+1+2+2=3+1+2+2=4+2+2=6+2=8$

No. of sets → $50 \div 5 = 10$

Sum → $10 \times 8 = 80$

Q16. 26 star wars figurines

2u → 26, 1u → 13, total $13 \times 4 = 52$, average → $52 \div 2 = 26$

Q17. 50% → 2 squares → 100%, 1 square → 50%

Q18. \$1.35

First three days → $3 \times 5\text{¢} = 15\text{¢}$

Next three days → $3 \times 10\text{¢} = 30\text{¢}$

Total → $30\text{¢} + 15\text{¢} = 45\text{¢}$

1 book → 45¢

3 books → $45\text{¢} \times 3 = 135\text{¢} = \1.35

Q19. 234 people

Adults : Children

9 : 4

Men : Women

3 : 6

$6u - 4u = 2u$, $2u \rightarrow 36$

$1U \rightarrow 18$, $9U + 4U = 13U$, $13U \rightarrow 18 \times 13 = 234$

Q20. \$5.10

7kg - \$9 = Mrs Suresh's money

4kg + \$6 = Mrs Suresh's money

3u → \$6 + \$9.30 = \$15.30

1u → \$15.30 ÷ 3 = \$5.10

Q21. 18 stickers

$\frac{1}{3}$ of stickers each → $3 \times 2 = 6$

$\frac{3}{3}$ of stickers each → $6 \times 3 = 18$.

Q22. 286cm

Banner B → 1u

Banner A → 1u + 160cm

Banner C → 1u + 220cm

Total → 1u × 3 + 220cm + 160cm = 3u + 380cm

3u → 578cm - 380cm = 198cm

1u → 198cm ÷ 3 = 66cm

Banner C → 66cm + 220cm = 286cm

Q23a. 6 weeks

Jack = 1p + \$8, Jack's savings = \$108

Jill = 1p, Jill's savings = 460

Difference in savings → \$108 - \$60 = 48

No. of weeks → \$48 ÷ \$8 = 6

Q23b. \$54

\$108 ÷ 6 = \$18

\$18 + \$36 = \$54

Q24a. 132 toy cans

Total 22 × 6 = 132

Q24b. 3

12 × 9 = 108, 132 - 108 = 24

24 ÷ 8 = 3

THE END