SEMESTRAL ASSESSMENT 1 (2017)

PRIMARY 3

MATHEMATICS

Booklet A

Monday   15 May 2017   **1 h 45 min**

Name: _____ (   )   Class: 3.(   )

INSTRUCTIONS TO PUPILS

1   Do not turn over the pages until you are told to do so.

2   Follow all instructions carefully.

3   There are 20 questions in this booklet.

4   Answer ALL questions.

5   Shade your answers in the Optical Answer Sheet (OAS) provided.

This question paper consists of 8 printed pages (inclusive of cover page

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 correct oval (1, 2, 3 or 4) on the
Optical Answer Sheet (OAS). (40 marks)

1. The value of digit 8 in 5 682 is _____.

   1) 8
   2) 80
   3) 800
   4) 8000

2. Which one of the following numbers is the greatest?

   1) 6451
   2) 6951
   3) 6915
   4) 6515

3. Find the difference between 5662 and 398.

   1) 1682
   2) 5264
   3) 6060
   4) 9642

4. 2 thousand and 52 tens is the same as _____.

    1)   252

    2)   2052

    3)   2502

    4)   2520

5. $5282 + 368 =$ _____

    1)   5640

    2)   5550

    3)   5650

    4)   8962

6. Which **three** fractions below add up to make 1?

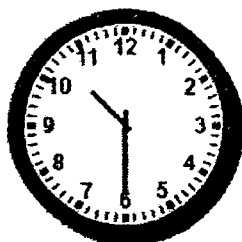| $\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{2}{8}$	$\frac{1}{8}$
A	B	C	D	E

    1)   A, B and D

    2)   B, C and D

    3)   B, D and E

    4)   C, D and E

7.

The time is 10.30 p.m.

What time will it be 30 minutes later?

1) 10.00 a.

2) 10.00 p.

3) 11.00 a.

4) 11.00 p.

8. $3040 - 1035$

1) 1235

2) 1805

3) 2005

4) 2205

9. Which of the following has the same value as 3×7?

1) $3 \times 3 \times 3$

2) $7 \times 7 \times 7$

3) $3 + 3 + 3$

4) $7 + 7 + 7$

10. How many eights are there in 96?

1) 11
2) 12
3) 13
4) 14

11. What is reminder when 727 is divided by 5?

1) 1
2) 2
3) 3
4) 4

12. Kenneth has 84 marbles. He puts all the marbles equally into 7 boxes. How many marbles are there in 2 such boxes?

1) 12
2) 14
3) 24
4) 42

13. Ryan had $240. He had $90 less than William. How much money did Ryan and William have altogether?

1) $330
2) $390
3) $420
4) $570

14. Ali has 15 stamps. Belle has 3 times as many stamps as Ali. How many stamps do they have altogether?

   1)   18
   2)   33
   3)   45
   4)   60

15. There are 8 toy cars and 7 toy motorcycles. Each toy car has 4 wheels and each toy motorcycle has 2 wheels. How many wheels are there altogether?

   1)   32
   2)   44
   3)   46
   4)   90

16. Lucy had some beads. She gave her beads to 6 friends and had 2 beads left. Each friend received 340 beads. How many beads did Lucy has at first?

   1)   2028
   2)   2038
   3)   2042
   4)   2052

17. Gopal has 4 times as many erasers as Henry. Gopal has 120 more erasers than Henry. How many erasers does Henry have?

   1) 30
   2) 40
   3) 90
   4) 116

18. Ahmad has 45 more stickers than Ben. Cavan has 76 fever stickers than Ahmad. Ben has 58 stickers fewer than Dennis. Who has the least number of stickers?

   1) Ahmad
   2) Ben
   3) Cavan
   4) Dennis

19. Mr Koh baked some cookies. He sold 159 cookies. He then bought another 188 cookies. He had 379 cookies in the end. How many cookies did Mr. Lim bake at first?

   1) 32
   2) 350
   3) 408
   4) 726

20. Mr Tan divided his class into groups of 6. He realised that he needed 1 more student in order to have 8 equal groups. How many students were there in his class?

1) 46
2) 47
3) 48
4) 49

End of Booklet A

SEMESTRAL ASSESSMENT 1 (2017)
PRIMARY 3
MATHEMATICS

Booklet B

Monday   15 May 2017   1 h 45 min

Name:_____ (   )   Class: 3.(   )   Parent's Signature:_____

INSTRUCTIONS TO PUPILS

1   Do not turn over the pages until you are told to do so.

2   Follow all instructions carefully.

3   There are 25 questions in this booklet.

4   Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

Questions **21** to **40** carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

(40 marks)

---

21.   Write 5 thousands, 3 tens, 8 ones in numerals.

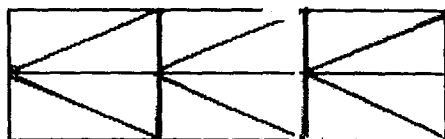22.   Find the sum of the greatest number and the smallest number shown below.

| 377 | 884 | 337 | 848 |

23.   Complete the number pattern.

1900, _____ , 2220, 2380, 2540, 2700

Sub-Total :

24.   Find the product of 273 and 8.

25.   Shade $\dfrac{7}{12}$ of the figure below.

26.   What is the smallest even number that can be formed using 6, 9, 2, 4?

Sub-Total :

27. Arrange the following factions in order from the greatest to the smallest.

$$\frac{1}{11}, \ \frac{1}{10}, \ \frac{1}{2}, \ \frac{1}{9}$$

_____ , _____ , _____ , _____
Greatest

28. What is the quotient when 537 is divided by 6?

29. James started his shower at 6.30 p.m. He took 30 minutes to finish his shower. At what time did James finish his shower?

p.m.

30. $\boxed{} - \dfrac{4}{9} = \dfrac{3}{9}$

What is the missing fraction in the box?

31. What is the missing number in the box?

$$
\begin{array}{r}
7\ \square\ 8\ 9 \\
-\ 3\ 8\ 5\ 2 \\
\hline
3\ 7\ 3\ 7
\end{array}
$$

32. Matthew has $5200. He has $2375 more than Nathan. How much money does Nathan have?

$

Sub-Total:

33.   Lincoln has $35. A packet of potato chips cost $4. What is the **greatest** number of packets of potato chips Lincoln can buy?

```
┌─────────────────────┐
│                     │
│                     │
└─────────────────────┘
```

34.   Mr Lim has 1239 packets of tissue paper. He sold 473 packets of tissue paper on Friday and sold the remaining packets on Saturday. How many packets of tissue paper did he sell on Saturday?

```
┌─────────────────────┐
│                     │
│                     │
└─────────────────────┘
```

35.   Jay has 6 times as many pens as Denise. They have 126 pens altogether. How many pens does Denise have?

```
┌─────────────────────┐
│                     │
│                     │
└─────────────────────┘
```

36. There were 87 adults and 50 children at the amusement park. Each of them had to pay $6 to enter the amusement park. How much did they spend altogether?

$\boxed{\$ }$

37. 1 pencil costs as much as 7 similar rulers. Jack buys 150 such pencils. With the same amount of money he spends on the pencils, how many rulers can he buy?

$\boxed{}$

38. Justin and Kyle has a total of $93. Justin has $23 more than Kyle. How much does Kyle have?

$\boxed{\$ }$

Sub-Total: $\boxed{}$

39.   I am a 2 digit even number. I am greater than 85 but smaller than 100.

I have a remainder of 2 when divided by 9. What number am I?

```
┌─────────────────────────┐
│                         │
│                         │
└─────────────────────────┘
```

40.   A bag of 6 apples cost $8. Mrs Wan bought 48 apples.
How much did Mrs Wan pay for the apples?

```
┌─────────────────────────┐
│ $                       │
│                         │
└─────────────────────────┘
```

Sub-Total :

Questions 41 to 45 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statements.

(20 marks)

41.   Emily bought 8 packets of buttons from a shop. Each packet$ had the same number of buttons. She sewed 6 buttons on each dress for 124 dresses. She then had 16 buttons left.

   a) How many buttons did she use to sew 124 dresses?
   b) How many buttons were there in each packets that she bought?

Ans: (a)_____[1]

(b)_____[3]

Sub-Total :

42.   Chris has 375 Pokemon cards. Adrian has 89 more Pokemon cards than Chris.

a) How many Pokemon cards does Adrian have?

b) Adrian and Chris packed all their Pokemon cards into 8 boxes. Each box can hold 95 cards. How many Pokemon cards were left unpacked?

Ans: (a)_____[1]

(b)_____[3]

43. Jonathan borrowed 7 books from the library in January. He borrowed 10 books from the library in February. Every month, he borrowed 3 more books than the previous month.

a) How many books did he borrow in June?

b) How many books did he borrow in all the 6 months?

Ans: (a)_____[1]

(b)_____[3]

Sub-Total :

44. Patricia has 240 sweets. She has four times as many sweets as her sister.

a) How many sweets does Patricia's sister have?

b) How many sweets must Patricia give to her sister so that both of them have the same number of sweets?

Ans: (a)_____[1]

(b)_____[3]

45. There are 18 tables and stools at a furniture shop. Each table has 4 legs and each stool has 3 legs. The total number of legs of the tables and stools is 65. How many tables are there in the furniture shop?

Ans :_____

End of Booklet B

Sub-Total :

SCHOOL : Anglo Chinese SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2017 SA1

SECTION A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	2	4	3	3	4	2	4	2

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	3	4	4	3	3	2	3	2	2

SECTION B

Q21)	5038	Q31)	5
Q22)	1221	Q32)	2825
Q23)	2060	Q33)	8
Q24)	2184	Q34)	766
Q25)		Q35)	18
Q26)	2496	Q36)	822
Q27)	$\frac{1}{2}, \frac{1}{9}, \frac{1}{10}, \frac{1}{11}$	Q37)	1050
Q28)	89	Q38)	35
Q29)	7.00 pm	Q39)	92
Q30)	$\frac{2}{9}$	Q40)	64
Q41)	a) 124 x 6 = **744** b) 744 + 16 = 760 760 ÷ 8 = **95**		

Pg 1

Q42)	a) 375 + 89 = **464**
	b) 464 + 375 = 839
	95 x 8 = 760
	839 − 760 = **79**

Q43)	a) 10 + 3 + 3 + 3 + 3 = **22**
	b) 7 + 10 + 13 + 16 + 19 + 22 = **87**

Q44)	a) 240 ÷ 4 = **60**
	b) 240 − 60 = 180
	180 ÷ 2 = **90**

Q45)

No. of tables	Total no. of legs (tables)	No. of stools	Total no. of legs (stools)	No. of tables and stools	Total no. of legs	Check
9	9x4=36	9	9x3=27	18	36+27=63	✗
10	10x4=40	8	8x3=24	18	40+24=64	✗
11	11x4=44	7	7x3=21	18	44+21=65	✓