

2016 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 9 May 2016

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

- 1. Do not open this Booklet until you are told to do so.**
- 2. Read carefully the instructions given at the beginning of each part of the Booklet.**
- 3. Do not waste time. If a question is difficult for you, go on to the next one.**
- 4. Check your answers thoroughly and make sure you attempt every question.**
- 5. In this booklet, you should have the following:**
 - (a) Page 1 to Page 5**
 - (b) Questions 1 to 20**

Section A : Multiple-Choice Questions

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.

(40 marks)

1 In 5 678, the digit 5 stands for _____.

- (1) 5
- (2) 50
- (3) 500
- (4) 5 000

2 In 1 234, the digit _____ is in the hundreds place.

- (1) 1
- (2) 2
- (3) 3
- (4) 4

3 9 thousands and 99 tens is the same as _____.

- (1) 9 099
- (2) 9 909
- (3) 9 990
- (4) 9 999

4 Tim had 2 917 marbles at first. He bought another 5 309 marbles. How many marbles did he have in the end?

- (1) 2 392
- (2) 3 612
- (3) 7 226
- (4) 8 226

5 5 groups of 8 is the same as _____.

- (1) $8 + 8 + 8 + 8 + 8$
- (2) $5 + 5 + 5 + 5 + 5$
- (3) $8 \times 8 \times 8 \times 8 \times 8$
- (4) $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5$

- 6 Joe has 720 stickers. He has 3 times as many stickers as Linda. Anthony has 109 stickers less than Linda. How many stickers does Anthony have?

(1) 131
(2) 349
(3) 2 051
(4) 2 269

- 7 Divide 704 by 5. What is the remainder?

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

- 8 $2\ell\ 70\text{ml} = \underline{\hspace{2cm}}\text{ml}$

(1) 207
(2) 270
(3) 2 070
(4) 2 700

- 9 Look at the number pattern below. What is the missing number in the blank?

3 010 , 3 110 , 3 310 , _____ , 4010 , 4 510

(1) 3 410
(2) 3 510
(3) 3 610
(4) 3 710

- 10 Which of the following set of numbers is arranged from the greatest to the smallest?

(1) 1 234 , 1 324 , 1 432 , 1 423
(2) 2 345 , 2 354 , 2 435 , 2 453
(3) 3 987 , 3 897 , 3 879 , 3 789
(4) 4 513 , 4 511 , 4 510 , 4 512

- 11 The difference between two numbers is 40. The smaller number is 180. What is the sum of the two numbers?

(1) 140
(2) 220
(3) 320
(4) 400

- 12 Find the sum of 4 205 and 3 196.

(1) 1 009
(2) 7 391
(3) 7 401
(4) 7 491

- 13 Find the difference in the values of digit 4 in 4 100 and 8 340.

(1) 3 006
(2) 3 060
(3) 3 600
(4) 3 960

- 14 What is the missing number in the box?

$$9 + 9 + 9 + 9 + 9 + 9 = \boxed{} \times 9$$

(1) 6
(2) 9
(3) 45
(4) 54

- 15 Which of the following is different from the rest?

(1) 4×7
(2) 7×4
(3) 4 groups of 7
(4) $4 + 4 + 4 + 4 + 4 + 4$

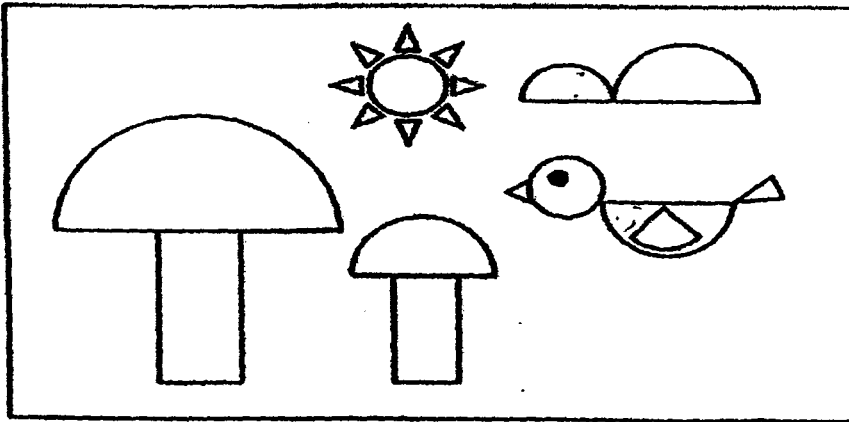
- 16 Stadium X has 2 260 seats. It has 670 more seats than Stadium Y but 530 fewer seats than Stadium Z. How many seats are there in Stadium Y and Stadium Z altogether?

(1) 1 730
(2) 2 930
(3) 4 380
(4) 4 660

- 17 Which of the following is the same as 6 dollars and 50 cents?

(1) \$65.00
(2) \$6.50
(3) \$6.05
(4) \$0.65

- 18 How many semi-circles are there in the picture shown below?



(1) 5
(2) 2
(3) 3
(4) 4

- 19 Josh made 402 paper cranes. He made 3 times as many paper cranes as his brother. How many paper cranes did they make altogether?

(1) 134
(2) 536
(3) 1 206
(4) 1 608

20 Mr Teo bought 6 identical bottles of drink for \$96. How much would 4 such bottles of drink cost?

- (1) \$16
- (2) \$64
- (3) \$144
- (4) \$384

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Name : _____ ()

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BOOKLET B

25 Questions

60 Marks

In this booklet, you should have the following:

(a) Page 6 to Page 14

(b) Questions 21 to 45

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Section B : Short-Answer Questions

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

(40 marks)

21 Write 7 014 in words.

Ans: _____

22 Arrange the numbers in the box in ascending order, beginning with the smallest number.

7 878 , 7 788 , 7 887 , 7 787

Ans: _____ , _____ , _____ , _____
(smallest) (greatest)

23 Peter is thinking of a 4-digit number.

The digit in the ones place is 3 more than the digit in the tens place, but 5 less than the digit in the thousands place. The value of the hundreds place is 600. The digit in the thousands place is the greatest odd number. What is the number Peter is thinking of?

Ans: _____

24 What is the difference between the values of digit 2 and digit 9 in 2 094?

Ans: _____

25 6 203 is _____ more than 4 179.

Ans: _____

26 How many hundreds are there in the sum of 3 192 and 4 808?

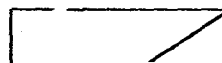
Ans: _____

27 There are 4 217 chickens in a farm. There are 1 023 more ducks than chickens. How many chickens and ducks are there altogether in the farm?

Ans: _____

28 There are 7 216 pebbles in a box. There are 3 908 fewer pebbles in a container. How many pebbles are there in the container?

Ans: _____



29 What number does ☺ stand for?

$$\triangle + \triangle + \square + \square = 312$$

$$\triangle + \square + \text{☺} + \text{☺} = 200$$

Ans: _____

30 $289 \times 5 =$ _____

Ans: _____

31 $963 \div 3 =$ _____

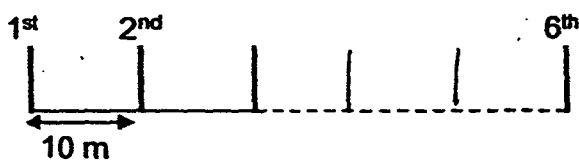
Ans: _____

32 The product of 123 and 4 is the same as the product of 6 and _____.

Ans: _____



- 33 Lamp posts are placed along the road at 10 m apart from one another. How far is the 1st lamp post from the 6th lamp post?



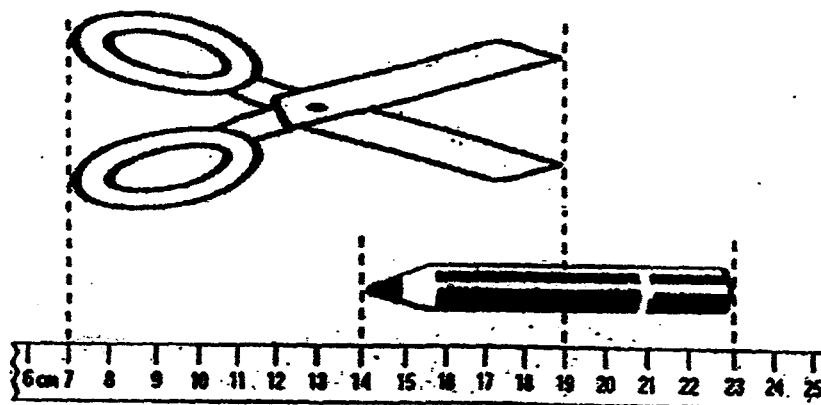
Ans: _____ m

- 34 Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{4}, \frac{1}{6}, \frac{1}{7}, \frac{1}{5}$$

Ans: _____, _____, _____, _____
(greatest) (smallest)

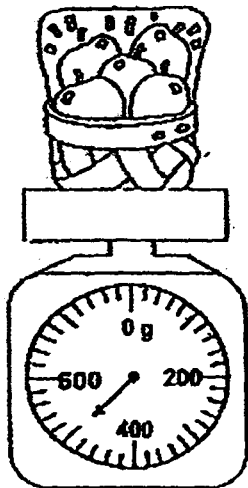
35



Find the total length of the pencil and scissors shown in the diagram above.

Ans: _____ cm

- 36 The weighing scale shows the mass of a basket of 5 apples. If the mass of the basket is 150 g, what is the mass of the 1 apple?



Ans: _____ g

- 37 What is the missing number in the box?

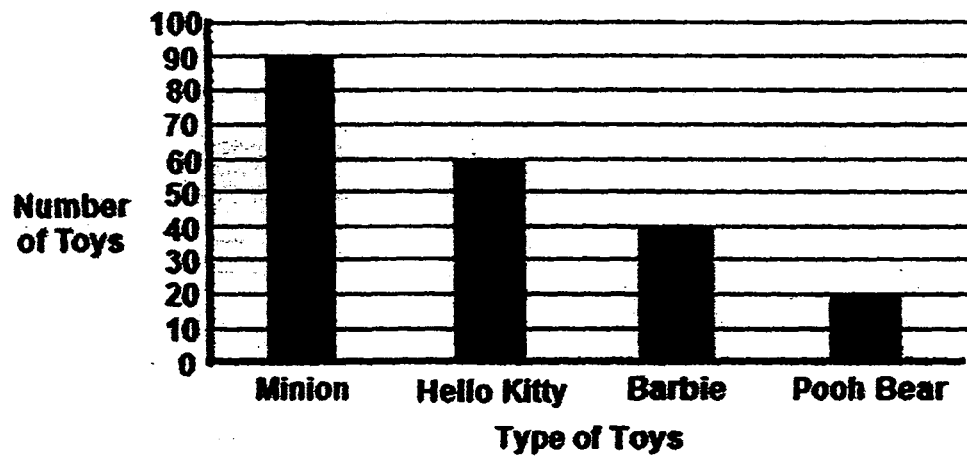
$$\begin{array}{r} 141 \\ 5 \overline{) 7 \square 5} \end{array}$$

Ans: _____

- 38 Blue pens are sold at 3 for \$4. What is the greatest number of blue pens Yenni can buy with \$14?

Ans: _____

The graph below shows the types of toys sold by a toy shop in a week. Study it carefully and answer Questions 39 and 40.



39 What is the total number of toys sold in the week?

Ans: _____

40 Which type of toys sold is thrice as many as the number of Pooh Bears sold?

Ans: _____

Section C : Long-Answer / Structured Questions

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided.

(20 marks)

-
- 41** 2 085 men and 1 918 women participated in a race.
2 762 of the participants completed the race in less than 3 hours.

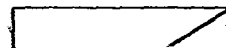
- (a) How many participants were there altogether?
(b) How many participants took more than 3 hours to complete the race?

Ans:(a) _____ [2]

(b) _____ [2]

-
- 42** Kenny had 960 Iphones and some Ipads in his shop. After selling 230 Iphones and buying another 175 Ipads, he had the same number of Iphones and Ipads. How many Ipads did Kenny have at first?

Ans: _____ [4]

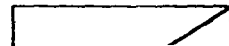


- 43** Wendy is 1 m 35 cm tall. She is 28 cm taller than Eden. Adele is half as tall as the total height of Wendy and Eden. What is Adele's height?

Ans: _____ [4]

- 44** Tracy is given a weekly allowance of \$10. She spends \$6 during recess each week and saves the rest. How many weeks will she take to save \$48?

Ans: _____ [4]



- 45 Mandy and Leon shared 3 160 stamps. After Mandy gave Leon 20 stamps, Mandy had 3 times as many stamps as Leon. How many stamps did Leon have at first?

Ans: _____ [4]

END OF PAPER

Did you check your paper? ☺

EXAM PAPER 2016**LEVEL : PRIMARY 3****SCHOOL : RED SWASTIKA SCHOOL****SUBJECT : MATHS****TERM : SA1**

Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10
4	2	3	4	1	1	4	3	3	3
Q 11	Q 12	Q 13	Q 14	Q 15	Q 16	Q 17	Q 18	Q 19	Q 20
4	3	4	1	4	3	2	1	2	2

Q21. Seven thousand and fourteen.**Q22. 7787, 7788, 7878, 7887****Q23. 9614****Q24. 1910 Q25. 2024 Q26. 80 Q27. 9457 Q28. 3308 Q29. 22****Q30. 1445 Q31. 321 Q32. 82 Q33. 50 Q34. $\frac{1}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{7}$** **Q35. 21 Q36. 70 Q37. 0 Q38. 9 Q39. 210 Q40. Hello kitty****Q41. $2085 + 1918 = 4003$** **$4003 - 4762 = 1421$** **Answer: a) 4003****b) 1241****Q42. $960 - 230 = 730$** **$730 - 175 = 555$ Answer: 555****Q43. $135 - 28 = 107$** **$135 + 107 = 242$** **$242 \div 2 = 121$ Answer: 121cm****Q44. $10 - 6 = 4$** **$48 \div 4 = 12$ Answer: 12****Q45. $3160 \div 4 = 790$** **$790 - 20 = 770$ Answer: 770**

